

**TEXT IS CROSS IN
THE BOOK**

**THE TEXT IS
LIGHT IN
THE BOOK**

A. L. A.

List of Subject Headings

025.3 A51 (8)	
American Library Ass	
List of Subject	
Headings	
Acc. No.	371875
	212 My '39

025.3 A51 (8)

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LIST OF
SUBJECT HEADINGS
FOR USE IN
DICTIONARY CATALOGS

PREPARED BY A COMMITTEE
OF THE
AMERICAN LIBRARY ASSOCIATION

THIRD EDITION
REVISED BY
MARY JOSEPHINE BRIGGS

AMERICAN LIBRARY ASSOCIATION
PUBLISHING BOARD
CHICAGO
1911

PREFACE

THE history of a list of subject headings for the use of catalogers dates back to the Lakewood conference of the American Library Association, in 1892, when a committee consisting of Mr. Gardner M. Jones, Dr. G. E. Wire and Mr. C. A. Cutter was appointed for the purpose of collating catalogs and compiling from this information a list of subject headings which should represent the most approved usages. At the Chicago conference of the following year the committee reported progress, and the Publishing Section of the American Library Association was instructed to proceed with publication as soon as possible. At the Lake Placid conference, in 1894, the committee reported completion of the work, which was printed the next year. Three years later a second and somewhat revised and enlarged edition was issued and stereotyped, and this edition has been steadily in use by catalogers for the past thirteen years.

The growth and development of libraries, their increased use by the public and the many commercial, scientific and economic changes which have taken place of late, have long since made a new and thorough revision of this List of subject headings advisable. A steady demand for the second edition showed that the book was in very general use in libraries throughout the country. In 1906 the Publishing Board appointed, to take up the matter of a new edition, an advisory committee consisting of Mr. Gardner M. Jones, Miss Harriet B. Prescott, Mr. A. G. S. Josephson, Miss Margaret Mann, Miss Linda M. Clatworthy, Mr. J. C. M. Hanson and Miss Electra C. Doren. Later Miss Alice B. Kroeger and Miss Nina E. Browne were added to the committee. Miss Doren was unable to serve.

Miss Esther Crawford, a cataloger and library worker of much experience, was employed as editor for the new edition, and the work of collecting data and collating and comparing catalogs and catalogers' forms was begun late in 1906. After laboring with great diligence for more than two years and securing a large amount of material, Miss Crawford resigned in July, 1909, and the Board was fortunate in securing the services, in May, 1910, of Miss Mary J. Briggs, cataloger of the Buffalo public library, to carry the work to completion. Besides a trained knowledge of precisely what this bibliographical tool should be, Miss Briggs has brought to bear a most conscientious and painstaking care that only those can fully appreciate who have undertaken a similar task.

This third edition, as it now appears, is the result of co-operation and united effort on the part of many library workers, and it is the hope and belief of the Board that the present work has been so well done that no revision need be undertaken for a number of years to come. For a statement of the special features embodied, and explanation of certain policies followed reference may be made to the editor's introduction.

In the case of such liberal, hearty and wide-spread assistance as the Board and its editors have here received it is difficult to mention personally all those to whom credit is due. Gratitude is sincerely felt toward all who responded to the call of the editor in sending requested information, or who devoted no small time and effort to the work during the personal visits of the editor in charge. The Board feels, however, that particular mention must be made of the courtesy and helpfulness extended by the Library of Congress during an extended study of the catalog by Miss Crawford, by the Newark free public library, which so generously provided working quarters for her for over a year, and by the Buffalo public library, which has similarly furnished accommodations for the past year for Miss Briggs. It trusts that all who have so generously aided in this enterprise may feel abundantly paid by the good service to the library profession which this book now goes forth to render.

INTRODUCTION

IT has been found necessary to omit much that was comprised in the original plan for the third edition of the List of subject headings, in order that the size of the book might be kept within reasonable limits. The scope has been broadened by the inclusion of some of the more important historical events, including wars but not battles, the chief languages, literatures and ethnic races, and subheads for many of the larger subjects.

Technical and scientific terms, chemical and medicinal substances, animals and plants, virtues and vices, diseases, games, foods and other specific headings are included somewhat more liberally than in the second edition, the aim being to provide a checklist in these subjects for the smaller public libraries.

The following classes of headings are omitted:

1. Personal names.
2. Geographical names, except for a few regional headings and countries requiring historical subdivisions.
3. Names of months, days, processes in arithmetic, parts of speech.

In general, and particularly in the matter of subdivisions, the needs of the moderately large public library, of from 100,000 to 200,000 volumes, have been considered. No attempt has been made to meet the needs of college, technical or special libraries, which must of necessity make finer distinctions and closer subdivisions than would be useful in a popular library.

The catalogs most consulted in the revision are those of the Library of Congress, the John Crerar library, Columbia university library, Nebraska university library, Northwestern university library, and the public libraries of Brooklyn, Buffalo, Chicago, Cleveland, Dayton and Pittsburgh. Among indexes, the Readers' guide to periodical literature and Engineering index may be specially mentioned.

The headings of the second edition have been retained, except for such changes as have seemed desirable in order to conform to present use of terms. The more radical changes have been made in response to what seemed to be a very general demand, expressed by a decided majority of

the answers to questions published in the library periodicals and in personal interviews.

For the sake of uniformity, in choice of new terms the Library of Congress headings have been followed so far as they have seemed adapted to the use of popular libraries, omitting of course many subdivisions and technical terms which would be useful only in special or very large libraries.

In spelling, the simplified forms of the second edition have been retained, and a few others added, but it has not been thought best to advance in this line faster than generally accepted usage will warrant. The plural form is used rather than the singular, except where subjects are generally thought of under the singular. The singular form is used for fruits, in order that the same heading may cover both fruit and tree. The arrangement of compound words has occasioned so much perplexity to both makers and users of catalogs, that the hyphen has been eliminated as far as possible, following the latest available authority, Webster's new international dictionary.

Little has been attempted in the way of definition of headings beyond an occasional explanatory word or phrase. Space could not well be spared for many definitions, and it has been found difficult to frame them so as not to limit the subjects too closely. Therefore, except in a few cases where the meaning is very ambiguous, it has been left for the references to suggest the scope of the heading when not entirely self-explanatory.

As a concession to the very general tendency to look under the form rather than under the language for English dictionaries, grammars, etc., the English language has been made an exception to the regular treatment of languages, and several forms, e.g. dictionaries, grammar and spelling, entered directly under the form. The subheads for other languages are given under German language, and the same can be used for English in libraries where it is preferred that all material regarding that language be kept together.

All form names in American and English literature are included in the list, but of other literatures only those most likely to occur in popular libraries of moderate size. Literature, drama, essays, fiction and poetry are entered under the adjective; other forms under the form followed by the adjective name of nationality, except periodicals and newspapers where name of country is used: e.g. English literature; Humor, English; Periodicals — England. Reference should be made in every case from the country to the language and literature of that country. These references are indicated in the list for American literature and English language and literature only.

The subdivisions formerly printed in the appendices, except those for

cities which follow the introduction, are now included in the main alphabet. Country subheads are given under United States, in order that the many references may be indicated. The Library of Congress Preliminary list of subject subdivisions under countries and cities has been used as a basis, with modifications to adapt it to the needs of popular libraries.

Many subjects formerly subheaded under country are now referred to the subject with country subdivision. It is better as a rule to keep all matter relating to a city together, making double entry under city and subject when needed: e.g. Boston — Education; Education — Massachusetts; or, in a small library, Boston; Education; without subdivision.

The number of subdivisions to be used will, of course, vary with the size and character of the library. The small library will ignore the subheads for the most part, using them only for the largest countries, and for subjects upon which it may chance to possess considerable material. It will be easy to add subheads at any time, should material increase so as to require them. It is advised that a list of subheads used be placed at the beginning of each divided subject, and each subhead should have its own guide.

Since form subheads may be used with any subject having sufficient literature, no attempt has been made to indicate headings requiring such subdivision. At the end of the introduction will be found a list of forms applicable to any such subject. Under United States are given references to most subjects which will require country subdivision in public libraries, and under some of the more important subjects, examples of country subdivision are given, e.g. Education — U. S.

Experience has shown that the average reader generally disregards both logic and punctuation in consulting an alphabetically arranged card catalog. For this reason, all subdivisions, whether form, geographical or logical, and all inversions are arranged in one alphabet, regardless of punctuation, except only the period subdivisions of history, which are arranged chronologically. Since in this work the main entry word is not repeated, the punctuation for subjects subdivided is not indicated in the main alphabet. The dash is advised for all subdivisions, and, if preferred, may be used instead of the comma for inversions, e.g. Bacteriology — Agricultural.

To avoid confusion in checking, the *refer from* references have been printed in parallel columns at the right of the page. The references have been revised, many new ones added, and some, believed to be unnecessary, have been dropped. *See* references among the *refer froms* are indicated by (s). The possibilities of useful references are by no means exhausted in this list. Further references will suggest themselves in cataloging.

The best material on a specific subject is often found in a work upon a larger subject, so general in its nature that it is not advisable to analyze it.

References are therefore made from the specific to the general in cases where most general works can be expected to contain material on the specific subject. Care should be taken not to make a reference of this kind unless justified by the works actually in the library. If the books on arts and crafts contain nothing on mosaics, a reference from Mosaics to Arts and crafts would be useless and misleading. The same principle applies to other references, which should not be made in any case unless the book cataloged is of interest in connection with the subject from which reference is made. If the books entered under Cemeteries are descriptive only, no reference from Eminent domain to Cemeteries is required.

It will of course be understood that where the reference is simply "*see*" no subject entries are to be made under the heading referred from. Only those headings printed in bold-faced type are intended to be used for subject entries.

In many cases references are indicated to or from geographical headings, or subjects with geographical subdivision, which do not appear in the main alphabet. These are only suggestive of the possibilities for this kind of reference. References should be made from periods of history, arts, sciences and other subjects to names of people whose lives are of interest in connection with the subject.

Long lists of references to specific subjects may be avoided in some cases by general references, as for instance under Industrial arts and under Manufactures "*See also* names of industries"; but if there are few specific entries it is better to enumerate them, that the reader may see at a glance where further material may be found. Another method of shortening the lists of references is to refer from the most general to the next less inclusive heading, and from the latter to the next lower: e.g. Zoology *see also* Vertebrates; Vertebrates *see also* Mammals; Mammals *see also* Carnivora; and so on to the specific animal. As zoological families and genera are not included in this list, references have been made from orders to specific animals.

The references in a card catalog are more easily read if arranged in columns rather than in a solid paragraph, with two or three columns on a card according to the length of the headings.

The cataloger is advised to check headings and references as used and to add new headings required. If he wishes to use a different form of heading, it will be necessary to make the change wherever the heading occurs in the list, otherwise discrepancies will creep into the catalog.

The aim has been to choose such headings as shall make the catalog a useful tool in enabling the reader to find as quickly as possible the book he desires. To attain this end, consistency has sometimes been sacrificed to utility.

MARY JOSEPHINE BRIGGS.

SUBHEADS TO BE USED UNDER CITIES

Amusements	Elections	Musical organizations
Annexations	Epidemics	Name Name ^{Negroes}
Antiquities	Exhibitions	Parks Officials
Architecture	Fairs	Paving <i>see</i> Streets
Arseals	Ferries	Police
Art	Festivals, etc.	Politics <i>see</i> Government and politics
Asylums <i>see</i> Hospitals and asylums	Finance	Poor
Atlases <i>see</i> Description — Maps	Financial institutions <i>see</i> Banks; Business associations	Population
Banks	Fine arts <i>see</i> Art	Post-office
Benevolent institutions <i>see</i> Charities; Hospitals and asylums	Fires and fire prevention	Prisons and reformatories
Bibliography	Foreign population	Public buildings
Biography	Fortifications	Public lands
Boundaries ^{Botany}	Galleries and museums	Public meetings <i>see</i> Conventions and public meetings
Bridges	Genealogy	Public schools <i>see</i> Education
Business	Geology	Public works
Business associations	Gilds	Railroads ^{Race}
Carnivals <i>see</i> Festivals, etc.	Government and politics	Reformatories <i>see</i> Prisons and reformatories
Cemeteries	Guidebooks <i>see</i> Description — Guidebooks	Registers
Census	Harbor	Religious history
Centennial celebrations, etc.	Historic houses, etc.	Religious institutions and affairs
Charities	History	Riots
Churches ^{Chart}	Hospitals and asylums	Sanitary affairs
City hall	Hotels, taverns, etc.	Schools <i>see</i> Education
Claims	Industries	Scientific institutions <i>see</i> Learned institutions and societies
Climate	Intellectual life	Sewerage
Clubs	Labor and laboring classes	Social conditions
Commerce <i>see</i> Business	Learned institutions and societies	Social life and customs
Commercial institutions <i>see</i> Business associations	Libraries ^{Legends}	Statistics ^{Stat}
Conventions and public meetings	Lighting	Street railroads
Courts	Literary institutions <i>see</i> Learned institutions and societies	Streets
Crime and criminals	Literature	Suburbs
Customhouse	Manners and customs <i>see</i> Social life and customs	Taxation
Description ^{for R.C.'s only}	Manufactures <i>see</i> Industries	Theaters ^{Telegraph Telephone}
Guidebooks	Maps <i>see</i> Description — Maps	Topography <i>see</i> Description
Maps	Markets	Views <i>see</i> Description — Views
Views	Monuments	Vital statistics <i>see</i> Statistics
Directories	Moral conditions	Voters
Ecclesiastical institutions <i>see</i> Churches; Religious institutions and affairs	Morgues	Voting precincts
Education	Museums <i>see</i> Galleries and museums	Wards
	Music	Water supply
		Wharves

FORM SUBHEADS

Accounts, bookkeeping, etc.	Essays, addresses, etc.	Periodicals and society publications
Bibliography	Fiction [about]	Poetry [about] ^{Registers, Statistics}
Biography	Handbooks	Study and teaching
Collected works	History	Tables, calculations,
Collections	Outlines, syllabi, etc.	
Dictionaries		
Drama [about]		

*A. J. Fuller (ship)

*A. L. A. see American library association

*Abalones

Refer from *Haliotidae (s)

*Abbeys--England

Refer from *England--Abbeys (s)

*Ability tests see Tests, Ability

*Abortion
See also Infanticide

Refer from *Cattle--Diseases; Infanticide;
*Obstetrics

*Absachrokee Indians see Crow Indians

*Absaroka Indians see Crow Indians

LIST OF SUBJECT HEADINGS

FOR USE IN

DICTIONARY CATALOGS

- Abandoned farms *see* Farms, Abandoned
- Abattoirs *see* Slaughtering and slaughterhouses
- Abbeys
See also Cathedrals; Convents and nunneries; Monasteries; *also* names of abbeys, e.g. Westminster abbey
- Abbreviations
See also Ciphers; Shorthand
- Abdomen
See also Anatomy; Intestines; Kidneys; Liver; Stomach; Viscera
- Aberration
See also Astronomy, Spherical and practical; Lenses; Light; Mirrors; Optical instruments
- Mental, *see* Insanity
- Ability
See also Efficiency, Industrial; Executive ability; Genius; Leadership; Talent
- Abiogenesis *see* Spontaneous generation
- Abnormal children *see* Children, Abnormal and backward
- Abnormal psychology *see* Mental diseases
- Abolition of slavery *see* Abolitionists; Slavery; Slavery in the U. S.
- Abolitionists
See also Slavery in the U. S.
- Aborigines *see* Ethnology; *also* names of aboriginal races, e.g. Indians
- Abrasion (geology) *see* Erosion
- Abrasives
See also Corundum; Geology, Economic; Grinding and polishing
- Abscess
See also Suppuration
- Absent treatment *see* Christian science; Mental healing
- Absenteeism
See also Land tenure; Land tenure — Ireland
- Absolute, The
See also Metaphysics
- Absolute rights *see* Natural law
- Refer from* Catholic church; Church architecture; Church history; Convents and nunneries; Monasteries
- Refer from* Ciphers; Contractions (s); Paleography; Shorthand; Writing
- Refer from* Anatomy; Viscera
- Refer from* Astronomy; Astronomy, Spherical and practical; Light
- Refer from* Efficiency, Industrial; Executive ability; Genius; Psychology; Talent
- Refer from* Abolition of slavery (s); Biography; Slavery in the U. S.
- Refer from* Corundum; Geology, Economic; Grinding and polishing; Machine tools; Mineralogy
- Refer from* Pathology; Suppuration
- Refer from* Agriculture — Ireland; Ireland — Economic conditions; Land tenure; Land tenure — Ireland; Landlord and tenant; Taxation
- Refer from* God; Metaphysics; Theology

*Abyssinian church

*Acacias

*Academie française, Paris

Refer from 'French academy (s); 'Paris. Academie française (s)

*Academie dissertations see Dissertations, Academie

*Academy of political science, New York

Refer from 'New York (city). Academy of political science (s)

*Academy of science of Kansas City

Refer from 'Kansas City academy of science (s)

*Accadian-Babylonian literature
See also 'Oriental literature

Refer from 'Babylonian literature (s); 'Oriental literature

*Acceptances
See also 'Banks and banking

Refer from 'Banks and banking; 'Negotiable instruments; 'Trade acceptances (s)

*Accidents--Prevention

Refer from 'Prevention of accidents (s); 'Labor and laboring classes--Accidents (s)

*Accountants

*Accounting

also subdivision Accounts, bookkeeping, etc.
under names of industries, professions, trades,
etc., e.g. Railroads--Accounts, bookkeeping, etc.;
Banks and banking--Accounts, bookkeeping, etc.

— Dictionaries

— History

— Periodicals

— Societies

*Acetanilid

Refer from 'Headache remedies

*Acid lands

Refer from 'Soil acidity (s)

Absolution

See also Confession; Indulgences; Penance

Absolutism *see* Despotism

Absorption (physiology)

See also Digestion; Metabolism; Osmosis; Skin

Absorption in soils *see* Soil absorption

Absorption of light

See also Light

Absorption spectra *see* Spectra

Abstinence *see* Fasting; Temperance

Abstract writing *see* Précis writing

Abstracts of title *see* Land titles

Academic costume *see* Costume, Academic

Academic degrees *see* Degrees, Academic

Academies (learned societies) *see* Learned societies

Academies (schools)

See also Education, Secondary; Private schools

Acadians

See also Nova Scotia

Accent

See also Prosody; *also* names of languages, subhead Accents

Accidence *see* Grammar

Accident insurance *see* Insurance, Accident

Accidents

See also Ambulances; Boiler explosions; Burns and scalds; Collisions at sea; Damages; Disasters; Drowning; Employers' liability; Explosions; First aid in illness and injury; Insurance, Accident; Life-saving; Lightning; Mine accidents; Occupations, Dangerous; Poisons; Railroads — Accidents; Safety devices; Shipwrecks; Surgery; Wounds; Electricity, Injuries from.

Acclimatization

See also Anthropogeography; Climate; Ecology; Environment; Tropics

Acclimatization (plants)

See also Ecology; Plant introduction

Accompaniment, Musical, *see* Musical accompaniment

Accounting

See also Arithmetic, Commercial; Auditing; Bookkeeping; Business; Card system in business; Cash registers; Cost accounting; Municipal accounts *see s.p. note*

Accumulators *see* Storage batteries

Acephala *see* Bivalves

Acetylene**Acids**

See also Chemistry; *also* names of acids

Refer from Catholic church; Church discipline; Church polity; Confession; Indulgences; Penance; Sin

Refer from Assimilation (s); Digestion; Metabolism; Nutrition; Osmosis; Physiological chemistry; Physiology

Refer from Light

Refer from Education, Secondary; Preparatory schools (s); Private schools; Schools; Secondary schools (s)

Refer from French-Canadians; Nova Scotia

Refer from Language; Prosody

Refer from Disasters; Drowning; Emergencies (s); Employers' liability; First aid in illness and injury; Injuries (s); Life-saving; Medicine; Occupations, Dangerous; Surgery

Refer from Adaption (biology); Anthropogeography; Biology; Climate; Ecology; Environment; Tropics; Tropics — Diseases and hygiene

Refer from Agriculture; Ecology; Gardening; Geographical distribution of animals and plants; Plant introduction; Plants — Acclimatization (s)

Refer from Arithmetic, Commercial; Auditing; Bookkeeping; Business; Business education; Card system in business; Commerce; Cost accounting; Municipal accounts; Scientific management

Refer from Chemistry, Technical; Gas; Gas lighting; Gases; Lighting

Refer from Chemistry

'Aclis see Gasteropoda

'Aerostigma see Stilt palms

Actors

• — Correspondence, reminiscences, etc.

• — English

Refer from 'England—Biography; English actors (s)

'Adding machines see Calculating machines

'Adenoids

'Administration of justice see Justice, Administration of

'Administrative responsibility

Refer from 'Government; Responsibility, Administrative (s)

Adobe

Refer from Bricks

'Adowa, Battle of, 1896

'Adult education see Evening and continuation schools

Acknowledgments

See also Deeds; Evidence

Acoustics *see* Acoustics of buildings; Hearing;
Sound

Acoustics of buildings

See also Architecture

Acrobats

See also Gymnastics

Acrostics

See also Puzzles

Acting

See also Actors; Amateur theatricals;
Drama; Expression; Gesture; Make-up;
Theatrical; Pageants; Pantomime; Theater;
Vaudeville

—Study and teaching

See also Drama in education

Actinotherapy *see* Radiotherapy

Actions at law

See also Costs; Equity; Evidence; Forms
(in law); Injunctions; Limitations (law);
Pleading and practice; Trials; Justice, Ad-

Actors

See also Acting; Make-up, Theatrical;
Theater; Vaudeville; Children on the stage

Actresses *see* Actors

Adages *see* Maxims; Proverbs

Adaptation (biology)

See also Acclimatization; Ecology; Environ-
ment; Evolution

Addresses *see* Orations

Adhesives

See also Cement; Glue; Paste; Wax

Administration *see* Administrators and execu-
tors; Civil service; Government; *also*
names of countries and states, subhead
Government

Administrators and executors

See also Probate law and practice;
Wills

Admirals

See also Naval biography

Admiralty

See also Collisions at sea; Commercial
law; Demurrage; Maritime law; Salvage

Adolescence *see* Youth

Adoption

See also Guardians

Adulterations

See also Chemistry — Analysis; Chemis-
try, Technical; Drugs; Food adulteration
and inspection; Liquors; Seeds — Adultera-
tion and inspection

Adultery

See also Sexual ethics

Advent

See also Christian year; Christmas;
Second advent

Refer from Deeds; Law; Notaries

Refer from Acoustics (s); Architectural
acoustics (s); Architecture; Building; Sound

Refer from Circus; Gymnastics; Sports;
Tumbling (s)

Refer from Puzzles

Refer from Actors; Amateur theatricals;
Amusements; Drama; Dramatic art (s);
Dramatic expression (s); Elocution; Histrion-
ics (s); Impersonation (s); Make-up, Theatri-
cal; Stage (s); Theater

Refer from Dramatic education (s)

Refer from Equity; Forms (in law); Law;
Lawsuits (s); Pleading and practice; Pro-
cedure (s); Suits at law (s); Trials; Appellate

Refer from Acting; Actresses (s); Biography;
Comedians (s); Drama; Players (s); Theater

Refer from Biology; Ecology; Environ-
ment; Evolution

Refer from Agglutinants (s); Cement;
Glue; Paste

Refer from Administration (s); Appraising;
Commercial law; Executors (s); Guardians;
Inheritance; Law; Powers (law); Probate
law and practice; Property; Trustees; Wills

Refer from Naval biography; Naval history

Refer from Collisions at sea; Commercial
law; Courts; Law; Maritime law

Refer from Children; Foundlings; Guard-
ians; Law; Orphans and orphan asylums

Refer from Chemistry — Analysis; Chemis-
try, Technical; Crime and criminals; Drugs;
Food adulteration and inspection; Hygiene,
Public; Liquors; Sanitary chemistry

Refer from Crime and criminals; Marriage;
Sexual ethics

Refer from Christian year; Fasts and
feasts

*Adventure stories

*Advertisers

Advertising

- * — Agriculture
- * — Bakers and bakeries
- * — Banks and banking
- * — Boots and shoes
- * — Clothing trade
- * — Coal trade
- * — Directories
- * — Drama
- * — Drug trade
- * — Furniture trade
- * — Grocery trade
- * — Hardware
- * — History
- * — Jewelry trade
- * — Moving pictures
- * — Periodicals
- * — Printing
- * — Societies
- * — Tobacco trade
- * — Yearbooks

*Advertising cards see Show cards

*Aega see Isopoda

*Aerial photography see Photography, Aerial

Aeronautics

- * — Charts, diagrams, etc
- * — Dictionaries
- * — Handbooks
- * — Law
- * — Periodicals
- * — Societies
- * — Yearbooks

*African cane see Pearl millet

*African honey badgers see Mellivora

*African ratsels see Mellivora

*African literatures

see also Ki-Suahili literature

*African millet see Pearl millet

*Agate

*Agaves

Refer from 'Century plants(s)'; 'Magueys(s)

Adventists *see* Second adventists

Adventure

See also Castaways; Discoveries and explorations; Escapes; Explorers; Frontier and pioneer life; Heroes; Hunting; Seafaring life; Shipwrecks; Sports; Treasure-trove; Voyages and travels

Adventurers *see* Imposture

Adverse possession *see* Possession (in law)

Adversity *see* Affliction; Misfortune

Advertising

See also Billposting; Business; Library bulletins; Mail order business; Posters; Promoting; Publicity; Salesmanship; Show cards; Sign painting; Signs; Street cries; Window dressing; ~~Church advertising; Commercial advertising; church advertising~~

Aerial navigation *see* Aeronautics

Aerial propellers

Aerial railroads

Aerial warfare *see* Aeronautics, Military

Aerodromes *see* Aeroplanes; Flying machines

Aerodynamics

See also Air; Flight

Aerolites *see* Meteorites

Aerology *see* Meteorology

Aeronautic motors

See also Aeronautics; Aeroplanes

Aeronautics

See also Aerial propellers; Aerodynamics; Aeronautic motors; Aeronauts; Aeroplanes; Airships; Balloons; Flight; Flying machines; Kites; Speed

—Military—

See also European war, 1914-1918--Aerial operations; U.S.--Air service; U.S.--Army aviation corps

Aeronauts

Aeroplanes

See also Aerial propellers; Aeronautic motors; Aeronautics; Flying machines; Hydroplanes

Aesthetics *see* Esthetics

Aether *see* Ether

Affection *see* Friendship; Kindness; Love

Affidavits

Affinity, Chemical, *see* Chemical affinity

Affliction

See also Consolation; Misfortune; Resignation

Afforestation *see* Forest planting

African colonization *see* Africa—Colonization

African languages

See also Coptic language; Egyptian language; Hamitic languages

African slave trade *see* Slave trade

After-dinner speeches

See also Anecdotes; Toasts

Age

See also Age limit of employment; Growth; Longevity; Old age; Youth

Age limit of employment

Refer from Escapes; Heroes; Voyages and travels

Refer from Billposting; Business; Commerce; Mail order business; Newspapers; Periodicals; Publicity; Salesmanship

Refer from Aeronautics; Aeroplanes; Aerial propellers (s); Propellers

Refer from Railroads; Railroads, Aerial (s)

Refer from Aeronautics; Air; Dynamics; Flight; Gases

Refer from Aeronautics; Aeroplanes; Flying machines; Motors

Refer from Aerial navigation (s); Aeronautic motors; Aeroplanes; Air; Airships; Aviation (s); Balloons; Engineering; Flight; Flying machines; Locomotion; Mechanics; Navigation; Sports; Transportation

Refer from Aerial warfare (s); Military aeronautics (s); Military art and science

Refer from Aeronautics; Aviators (s); Balloonists (s); Biography

Refer from Aerodromes (s); Aeronautic motors; Aeronautics; Airships; Biplanes (s); Flying machines; Gliders (s); Monoplanes (s)

Refer from Evidence; Forms (in law); Law; Notaries

Refer from Adversity (s); Ethics; Misfortune; Suffering; Trouble (s)

Refer from Coptic language; Egyptian language; Hamitic languages; Language

Refer from Dinners and dining; Orations; Speeches (s); Toasts

Refer from Old age

Refer from Age; Efficiency, Industrial; Labor and laboring classes; Old age

'Agnes Scott college, Decatur,
Georgia

Refer from 'Decatur, Ga. Agnes Scott college(s)

'Agricultural advisers see Farm advisers

'Agricultural chemistry -- Societies

'Agricultural climatology see Crops and climate

'Agricultural clubs
See also 'Agricultural
societies

Refer from 'Agricultural societies; 'Boys'
clubs; 'Girls' clubs

'Agricultural cooperative credit
associations

Refer from 'Agricultural credit;
'Agricultural societies

'Agricultural engineering

Refer from 'Engineering; 'Farm
buildings; 'Farm engineering (s);
'Farm management

' -- -- Periodicals

'Agricultural exhibitions
See also 'Corn-Exhibitions

'Agricultural experiment stations -- Directories

'Agricultural insurance see Insurance, Agricultural

'Agricultural libraries

Refer from 'Libraries, Agri-
cultural. (s)

^Aged *see* Longevity; ^Old age
^Aged poor *see* Homes for the aged; ^Old age;
^Old age pensions; ^Poor

Agency

See also ^Bailments; ^Brokers and factors;
^Commercial law; ^Contracts; ^Damages;
^Employers' liability; ^Employment agencies;
^Negligence; ^Powers (law); ^Receivers;
~~^Teachers' agencies~~

^Agents *see* ^Agency; ^Brokers and factors;
^Commercial travelers

Agglutinants *see* Adhesives

Agin-court, Battle of

See also England — History — Lancaster
and York; France — History — House of
Valois; Hundred years' war

^Agnosticism

See also ^Atheism; ^Positivism; ^Rational-
ism; ^Skepticism

^Agreements *see* Contracts

^Agricultural bacteriology *see* Bacteriology,
Agricultural

^Agricultural banks *see* ^Agricultural credit;
^Banks and banking; ^Land banks

^Agricultural botany *see* Botany, Economic

^Agricultural chemistry

See also ^Ammonia; ^Fertilizers and man-
ures; ^Nitrification; ^Phosphates; ^Plants —
Chemistry and nutrition; ^Plants, Effect of
chemicals on; ^Soils; ^Soil chemistry

^Agricultural colleges

See also ^Agriculture — Study and teaching
— — — ^Directories

^Agricultural colonies *see* Farm colonies

^Agricultural credit

See also ^Land banks; ^Agricultural
cooperative credit associations;
~~^Mortgage banks~~

^Agricultural education *see* ^Agricultural col-
leges; ^Agriculture — Study and teaching

^Agricultural exhibitions

^Agricultural experiment stations

See also ^Agricultural experimentation;
^Agriculture — Demonstration work; *also*
special stations

^Agricultural experimentation

See also ^Agricultural experiment stations;
^Agriculture — Demonstration work

^Agricultural implements *see* Farm implements
and machinery

^Agricultural laborers *see* Farm labor

^Agricultural laws

See also ^Corn laws

^Agricultural machinery *see* Farm implements
and machinery

^Agricultural pests

See also ^Birds, Useful and injurious;
(Cotton — Diseases and pests); ^Fruit — Dis-
eases and pests; ^Fungi; ^Insects, Injurious
and beneficial; ^Rabbits; (Tobacco — Dis-
eases and pests); ^Trees — Diseases and
pests; ^Weeds; *also* names of plants,
subhead Diseases and pests, e.g.
~~^Cotton — Diseases and pests; ^Tobacco —~~
Diseases and pests; and names
of diseases and pests.

Refer from ^Agents (s); ^Attorneys (s);
^Bailments; ^Brokers and factors; ^Commercial
law; ^Contracts; ^Law; ^Negligence; ^Partner-
ship; ^Power of attorney (s); ^Powers (law);
^Principal and agent (s)

Refer from England — History — Lancas-
ter and York; France — History — House of
Valois; Hundred years' war

Refer from ^Atheism; ^Belief; ^Faith; ^Free
thought; ^God; ^Naturalism; ^Philosophy; ^Phi-
losophy, Modern; ^Secularism; ^Skepticism;
^Theology

Refer from ^Chemistry; ^Chemistry, Agricul-
tural (s); ^Chemistry, Dairy (s); ^Dairy chemis-
try (s); ^Fertilizers and manures; ^Soils; ~~^Forest~~
~~chemistry (s); ^Soil catalysis (s)~~

Refer from ^Agriculture — Study and teach-
ing; ^Agricultural education (s); ^Colleges and
universities,

Refer from ^Agricultural banks (s); ^Banks
and banking; ^Credit; ^Crédit foncier (s); ^Land
banks; ^Land credit (s); ~~^Mortgage banks~~;
~~^Rural credits (s)~~

Refer from ^Exhibitions; ^Fairs; ^State fairs (s)

Refer from ^Agricultural experimentation;
^Agriculture — Demonstration work; ^Experi-
ment stations (s)

Refer from ^Agricultural experiment stations;
^Agriculture — Demonstration work; ^Experi-
ments (s)

Refer from ^Farm laws (s); ^Law

Refer from ^Gardening; ^Insects, Injurious and
beneficial; ^Pests (s)

Agricultural products

- — Cost of production
- — Missouri
- — Storage

Refer from 'Storage of farm products (s)

Agricultural societies--Directories

- Agricultural stories see Agriculture--Fiction
- Agricultural surveys see Rural surveys
- Agricultural wages see Farm labor

Agriculture

- — Accounts, bookkeeping, etc. Refer from 'Farm accounting(s)
- — Biography Refer from 'Biography
- — Congresses
- — Dictionaries
- — Directories
- — Economic aspects
- — Essays, addresses, etc.
- — Fiction Refer from 'Agricultural stories (s)
- — Periodicals
- — Yearbooks
- — U.S.--Directories
- — U.S.--Statistics

Agromyzidae see Diptera

Akt Indians

Refer from Wakashan Indians

Aktena Indians

Refer from 'Atnah Indians (s); Athapascan Indians

Agricultural physics

See also `Drainage; `Farm buildings; `Farm motors; `Soil absorption; `Soil moisture; `Soils; `Tillage

Refer from `Drainage; `Physics; `Soil moisture; `Soils; `Tillage; `Soil physics(s)

Agricultural products

See also `Botany, Economic; `Cocoa; `Coffee; `Commercial products; `Cotton; `Crops; `Dairy products; `Essences and essential oils; `Fibers; `Forest products; `Fruit; `Ginseng; `Grain; `Hay; `Indigo; `Liquors; `Marketing of farm produce; `Opium; `Rice; `Root crops; `Rubber; `Spices; `Sugar; `Tea; `Tobacco; `Vegetables

Refer from `Botany, Economic; `Commercial products; `Crops; `Farm products (s); `Products, Agricultural (s)

Agricultural societies

See also `Farmers' institutes; `Grange; ^{Agricultural clubs; Agricultural cooperative societies} ~~associations~~
Agricultural tools see Farm implements and machinery

Refer from `Farmers; `Societies; `Agricultural clubs

Agriculture

See also Acclimatization (plants); `Bacteriology, Agricultural; `Bees; `Birds, Useful and injurious; `Botany, Economic; `Clearing of land; `Cooperative agriculture; `Corn laws; `Cover crops; `Crops; `Dairying; `Domestic animals, and names of animals; `Drainage; `Dry farming; `Electricity on the farm; `Ensilage; `Farm buildings; `Farm colonies; `Farm implements and machinery; `Farm labor; `Farm life; `Farm management; `Farm values; `Farmers; `Farmers' institutes; `Farms; `Feeding and feeding stuffs; `Fertilizers and manures; `Floriculture; `Forage plants; `Forests and forestry; `Frost protection; `Fruit culture; `Gardening; `Greenhouses; `Insects, Injurious and beneficial; `Irrigation; `Land; `Land tenure; `Live stock; `Market gardening; `Marketing of farm produce; `Pastures and meadows; `Peasantry; `Plant breeding; `Plants; `Reclamation of land; `Rotation of crops; `Seeds — Selection and testing; `Soil fertility; `Soil inoculation; `Soil surveys; `Soils; `Threshing; `Tillage; `Trees; also headings beginning Agricultural, and names of special products

Refer from `Agronomy (s); `Crops; `Farmers; `Farming (s); `Farms; `Fruit culture; `Gardening; `Husbandry (s); `Industrial arts; `Land; `Market gardening; `Marketing of farm produce; `Planting (s); `Plants; `Rotation of crops; `Rural economy (s); `Soils; `Tillage

—Demonstration work

See also `Agricultural experiment stations; `Agricultural experimentation; `Farm advisers

Refer from `Agricultural experiment stations; `Agricultural experimentation; `Agriculture — Study and teaching; `Demonstration work in agriculture (s)

—Statistics

Refer from `Crop reports (s); `Crops; `Food supply

—Study and teaching

See also `Agricultural colleges; `Agriculture — Demonstration work; `Farm schools; `Forestry schools and education

Refer from `Agricultural colleges; `Agricultural education (s)

—Tropics

See also `Cocoa; `Coffee; `Cotton; `Opium; `Rice; `Rubber; `Spices; `Sugar; `Tea; `Tobacco

Refer from `Tropical agriculture (s); `Tropics

—U. S.

Refer from `U. S. — Agriculture (s); `U. S. — Industries and resources

Agronomy see Agriculture

Agrostology see Grasses

Ague see Malaria

Ainos

See also `Ethnology — Japan

Refer from `Ainu (s); `Ethnology — Japan; `Japan

Ainu *see* Ainos

Air

See also Aerodynamics; Aeronautics; Argon; Atmospheric electricity; Atmospheric nucleation; Barometer; Compressed air; Humidity; Hygrometry; Ionization of gases; Liquid air; Meteorology; Ozone; Ventilation
—Liquid, *see* Liquid air

Air brakes

See also Brakes; Safety devices

Air compressors

See also Air pumps; Compressed air

Air engines

See also Compressed air

Air passages *see* Respiratory organs

Air pollution

See also Dust; Smoke; Ventilation

Air propellers *see* Aerial propellers

Air pumps

See also Air compressors

Air-ships *see* Airships

Airships

See also Aeronautics; Aeroplanes; Balloons

Alabama claims

Aladdin oven

Albigenses

See also France — Religious history; Waldenses

Albinos and albinism

See also Color of man

Alchemy

See also Chemistry — History; Elixir of life; Occult sciences; Philosopher's stone

Alcohol

See also Alcoholism; Brandy; Chemistry, Organic; Distillation; Liquor problem; Liquor traffic; Liquors, and names of liquors; Temperance

—Denatured

See also Alcohol motors

—Physiological effects

Alcohol engines *see* Alcohol motors

Alcohol motors

Alcoholism

See also Alcohol — Physiological effects; Gold cure; Inebriate asylums; Liquor problem; Temperance

Refer from Aerodynamics; Atmosphere (s); Chemistry; Ether (of space); Gases; Meteorology; Physics; Pneumatics (s)

Refer from Brakes; Cars; Railroads; Railroads — Equipment and supplies; Safety devices

Refer from Air pumps; Compressed air

Refer from Caloric engines (s); Engines; Heat engines; Hot-air engines (s)

Refer from Hygiene; Sanitary chemistry; Ventilation

Refer from Air compressors; Pneumatic pumps (s); Pumps

Refer from Aeronautics; Air-ships (s); Balloons; Balloons, Dirigible (s); Dirigible balloons (s)

Refer from Claims; Geneva award (s); Neutrality; Privateering; U. S. — History — Civil war — Foreign relations; U. S. — Foreign relations — England

Refer from Cookery; Stoves

Refer from Church history — Middle ages; France — Religious history; Persecution; Waldenses

Refer from Color of animals; Color of man; Leucopathy (s)

Refer from Chemistry; Chemistry — History; Elixir of life; Gold; Hermetic art (s); Metals; Occult sciences; Philosopher's stone; Superstition; Transmutation of metals (s)

Refer from Chemistry, Organic; Distillation; Intoxicants (s); Liquors; Stimulants; Temperance

Refer from Chemistry, Technical; Denatured alcohol (s); Industrial alcohol (s); Liquid fuel

Refer from Alcoholism; Hygiene; Temperance

Refer from Alcohol, Denatured; Alcohol engines (s); Gas and oil engines; Motors

Refer from Alcohol; Crime and criminals; Dipsomania (s); Drunkenness (s); Inebriates (s); Intemperance (s); Intoxication (s); Liquor habit (s); Liquor problem; Medicine — Practice; Temperance

Alcoran *see* Koran

Ale

See also Beer; Brewing; Liquors; Malt

Alfalfa

See also Feeding and feeding stuffs; Forage plants

Algae

See also Cryptogams; Aquatic plants

Algebra

See also Calculus; Determinants; Equations; Functions; Groups, Theory of; Logarithms; Mathematics; Numbers; Probabilities; Quaternions; Vector analysis

Algonkian Indians *see* Algonquian Indians

Algonkian period *see* Geology, Stratigraphic — Algonkian

Algonquian Indians

See also Blackfoot Indians; Delaware Indians; Narragansett Indians

Algonquian languages

See also Indians — Languages

Alhambra

See also Granada

Alien and sedition laws, 1798

See also Kentucky and Virginia resolutions, 1798; U. S. — History — 1783-1812

Aliens

See also Allegiance; Citizenship; Expatriation; Naturalization; *also* Chinese in the U. S., and similar headings

Alimentary canal *see* Digestive system

Alkali lands

Alkalies

See also Ammonia; Chemistry, Inorganic

Alkaloids

See also Chemistry, Organic; Morphine; Ptomaines

Alkoran *see* Koran

All fools' day *see* April fools' day

All hallow eve *see* Halloween

Allegiance

See also Aliens; Citizenship; Naturalization

Allegories

See also Fables; Parables

Allegory

See also Allegories; Rhetoric

Alliance, Holy, *see* Holy alliance

Alliance, Triple, *see* Triple alliance

Alliteration

See also Rhetoric; Versification

Allopathy [for polemical treatises only]

Refer from Beer; Brewing; Liquors

Refer from Feeding and feeding stuffs; Fertilizers and manures; Forage plants; Hay; Lucerne (plant) (s)

Refer from Aquatic plants; Cryptogams; Marine biology; Marine botany (s); Marine flora (s); Marine plants (s); Mosses; Ocean; Sea mosses (s); Seashore; Seaweeds (s)

Refer from Analysis (mathematics) (s); Calculus; Determinants; Equations; Groups, Theory of; Mathematics; Quaternions

Refer from Algonkian Indians (s); Blackfoot Indians; Delaware Indians; Indians; Narragansett Indians

Refer from Indians — Languages

Refer from Architecture, Mohammedan; Granada; Palaces

Refer from Immigration and emigration — U. S.; Naturalization; Sedition act, 1798 (s); U. S. — Constitution; U. S. — History — 1783-1812

Refer from Allegiance; Asylum, Right of; Citizenship; Expatriation; Foreigners (s); Immigration and emigration; International law; Law; Naturalization

Refer from Irrigation; Reclamation of land; Soils

Refer from Ammonia; Chemistry; Chemistry, Inorganic

Refer from Chemistry, Organic; Nitrogen; Poisons

Refer from Aliens; Citizenship; International law; Law; Treason

Refer from Allegory; Fables; Fiction; Literature; Parables; Religion

Refer from Rhetoric

Refer from Language; Poetry; Rhetoric; Versification

Refer from Medicine

Alloys

See also Amalgamation; Amalgams; Brass; Bronze; Metallography; Metallurgy; Pewter; Solder and soldering

Allusions**Alluvium**

See also Geology; Physical geography

Almanacs

See also Calendars; Chronology; Nautical almanacs; Yearbooks

Almsgiving *see* Charity; Poor

Almshouses

See also Asylums; Charities; Poor

Alphabet

See also Cuneiform writing; Hieroglyphics; Inscriptions; Lettering; Paleography; Printing; Runes; Transliteration; Writing

Alphabetizing

See also Cataloging

Alphabets *see* Alphabet; Lettering

Alpine clubs

See also Geographical societies; Mountaineering

Alpine plants

Altaic languages *see* Ural-Altaic languages

Altars

See also Church furniture; Lord's supper; Mass; Sacrifice

Alternating current machinery *see* Electric machinery — Alternating current

Alternating currents *see* Electric currents, Alternating

Altitudes

See also Sea level; *also* names of countries, subhead Altitudes

Altruism

See also Egoism; Ethics

Aluminium

See also Metals

Aluminium *see* Aluminium

Amalgamation

See also Alloys; Amalgams; Mercury

Amalgams

See also Alloys; Mercury

Amateur journalism

See also Students' periodicals

Amateur theatricals

See also Acting; Charades; College plays; Dialogues; Make-up, Theatrical; Monologues; Pantomime; Shadow pantomimes; Tableaux

Anazons

See also Mythology, Classical

Ambassadors

See also Diplomacy; Diplomatic and consular service; Diplomats; Extraterritoriality

Refer from Amalgamation; Amalgams; Brass; Bronze; Metallography; Metallurgy; Metals; Pewter; Solder and soldering

Refer from Literature; Reference books

Refer from Geology; Physical geography; Soils

Refer from Annuals; Astronomy; Calendars; Chronology; Days; Registers; Statistics; Time; Yearbooks

Refer from Asylums; Charities; Homes (institutions) (s); Institutions, Charitable and philanthropic (s); Poor; Poorhouses (s); Workhouses (charities) (s)

Refer from Alphabets (s); English language — Alphabet (s); Hieroglyphics; Inscriptions; Language; Letters of the alphabet (s); Paleography; Phonetics; Writing

Refer from Cataloging

Refer from Alps; Geographical societies; Mountaineering; Mountains

Refer from Botany; Mountains; Plants

Refer from Church furniture; Sacrifice

Refer from Elevations (s); Heights (s); Hypsometry (s); Physical geography; Sea level; Surveying

Refer from Benevolence (s); Charity; Conduct of life; Egoism; Ethics; Philanthropy; Sociology

Refer from Aluminium (s); Metals

Refer from Alloys; Metallurgy

Refer from Alloys; Amalgamation; Mercury; Metals

Refer from Journalism; Students' periodicals

Refer from Acting; Amusements; Charades; Drama; Drawing-room plays (s); Entertainments; Pantomime; Plays (s); Private theatricals (s); Tableaux; Theater; Theatricals, Amateur (s)

Refer from Mythology, Classical; Women

Refer from Diplomacy; Diplomatic and consular service; Diplomats; Extraterritoriality; International relations; Ministers of state

Ambidexterity

See also Hand; Left- and right-handedness

Ambition

Ambulance drill *see* First aid in illness and injury

Ambulances

See also First aid in illness and injury

Amendments (parliamentary practice)

See also Parliamentary practice

America — Discovery and exploration**—Discovery and exploration — Pre-Columbian**

See also Northmen

American aborigines *see* Indians

American art *see* Art, American

American authors *see* Authors, American

American ballads *see* Ballads, American

American colonial history *see* U. S. — History
— Colonial period

American drama

See also American literature; Dramatists, American; English drama; Theater—U. S.

American essays

See also American literature; English essays

American fiction

See also American literature; English fiction

American humor *see* Humor, American

American Indians *see* Indians

American letters *see* Letters, American

American literature

See also American drama; American essays; American fiction; American poetry; Authors, American; Ballads, American; Canadian literature; English literature; German-American literature; Humor, American; Letters, American; Newspapers—U. S.; Orations, American; Parodies; Periodicals—U. S.; Satire, American; Sonnets, American

—Indiana**—New England**

See also Boston — Literature

American loyalists *see* Loyalists, American

American newspapers *see* Newspapers—U. S.

American orations *see* Orations, American

American party *see* Know-nothing party

American periodicals *see* Periodicals—U. S.

American poetry

See also American drama; American literature; Ballads, American; Canadian poetry; English poetry; Poets, American; Songs, American; Sonnets, American

American revolution *see* U. S. — History — Revolution

American satire *see* Satire, American

American songs *see* Ballads, American; Songs, American

American sonnets *see* Sonnets, American

American wit and humor *see* Humor, American

Refer from Hand; Left- and right-handedness
Refer from Conduct of life; Success

Refer from Accidents; Carriages; Hospitals; Surgery, Military; Vehicles

Refer from Constitutional law; Parliamentary practice

Refer from U. S.—Discovery and exploration (s); U. S.—History — Colonial period

Refer from Northmen

Refer from American literature; American poetry; Drama; Dramatists, American; English drama; Theater—U. S.; U. S. — Drama (s)

Refer from American literature; English essays; Essays

Refer from American literature; English fiction; Fiction

Refer from American drama; American essays; American fiction; American poetry; Authors, American; English literature; Humor, American; Literature; Satire, American; U. S. — Literature (s)

Refer from Indiana — Literature (s)

Refer from New England — Literature (s)

Refer from American literature; Ballads, American; English poetry; Poetry; Poets, American; Sonnets, American; U. S. — Poetry (s)

Americana *see* subhead Bibliography under America and under names of parts of the continent, regions, countries and places

Americanisms

Americans in Europe

America's cup

See also Yachts and yachting

Amerinds *see* Indians

Amish Mennonites *see* Mennonites

Ammonia

See also Alkalies

Ammunition

See also Firearms; Gunpowder; Ordnance; Projectiles

Amphibia

See also Frogs; Toads; Vertebrates

Amphitheaters

See also Architecture; Gladiators

Amphorae *see* Vases

Amputation

See also Surgery

Amulets

See also Charms; Scarabs

Amusement parks

Amusements

See also Acting; Amateur theatricals; Amusement parks; Athletics; Balls (parties); Camping; Cards; Charades; Circus; Coaches and coaching; Concerts; Conjur-ing; Dancing; Drills and marches; Entertainments; Fairs; Fencing; Festivals; Fortune telling; Games; Kites; Masquerades; Mathematical recreations; Minstrel shows; Moving pictures; Opera; Pageants; Palmistry; Pantomime; Picnics; Play; Playgrounds; Puppet plays; Puzzles; Riddles; School excursions; Scientific recrea-tions; Soap bubbles; Sports; String figures; Tableaux; Theater; Toys; Vaudeville; Ven-triloquism; *also* names of cities, subhead Amusements

Ana *see* Anecdotes

Anabaptists

See also Baptists; Mennonites; Peasants' war

Anabolism *see* Metabolism

Anaesthesia *see* Anesthetics

Anagrams

Analogy

Analysis (chemistry) *see* Assaying; Blowpipe; Chemistry — Analysis; *also* names of sub-stances analyzed

Analysis (mathematics) *see* Algebra; Calculus; Functions

Analysis, Spectrum, *see* Spectrum analysis

Analysis of food *see* Food—Analysis; Food adulteration and inspection

Refer from English language; English lan-guage — Dialects; Idioms, English; Slang

Refer from Cup races (s); Yachts and yacht-ing

Refer from Agricultural chemistry; Alkalies; Chemistry, Inorganic; Chemistry, Technical; Fertilizers and manures

Refer from Explosives; Firearms; Gunnery; Gunpowder; Guns; Military art and science; Ordnance; Projectiles

Refer from Batrachia (s); Frogs; Reptiles; Toads; Vertebrates

Refer from Architecture

Refer from Surgery

Refer from Archaeology; Charms; Demon-ology; Superstition; Talismans (s); Witch-craft

Refer from Amusements; Parks

Refer from Entertaining; Entertainments; Ethics; Games; Manners and customs; Pas-times (s); Play; Recreation (s); Relaxation (s); Sports

Refer from Baptists; Germany — Religious history; Mennonites; Peasants' war; Refor-mation — Germany; Sects

Refer from Literature; Puzzles

Refer from Logic; Philosophy; Rhetoric

Analytical chemistry *see* Chemistry — Analysis

Analytical geometry *see* Geometry, Analytic

Anarchism and anarchists

See also Nihilism

Anarchy *see* Anarchism and anarchists

Anatomy

See also Abdomen; Anatomy, Artistic; Anatomy, Comparative; Anthropometry; Arm; Autopsy; Bones; Chest; Digestive system; Dissection; Ear; Eye; Foot; Glands; Hand; Head; Histology; Joints; Leg; Morphology; Mouth; Muscles; Nervous system; Nose; Physiology; Respiratory organs; Skeleton; Skin; Surgery; Teeth; Throat; Urinary organs; Vascular system; Vivisection; *also* names of organs, bones, etc.

—Artistic

See also Animal painting and illustration; Expression; Figure drawing; Figure painting; Proportion (art)

—Comparative

See also Animal locomotion; Animal mechanics; Man — Origin and antiquity; Morphology; Skeleton; Zoology; *also* names of organs and members

Anatomy for artists *see* Anatomy, Artistic

Anatomy of plants *see* Botany, Structural

Ancestor worship

See also Confucianism; Shinto

Ancestry *see* Genealogy; Heredity

Anchors

Ancien régime *see* France — History — Bourbon

Ancient art *see* Art, Ancient

Ancient geography *see* Geography, Ancient

Ancient history *see* History, Ancient

Anecdotes

See also Blunders; Children — Anecdotes and sayings; Humor; Indians — Anecdotes; Last words of famous people; Table-talk; *also* names of wars, subhead Anecdotes

—Legal

—Medical

—Musical

—Religious

Anemometer

See also Meteorological instruments

Aneroid barometer *see* Barometer

Anesthetics

See also Chloroform; Cocaine; Ether (anesthetic)

Refer from Anarchy (s); Assassination; Communism; Crime and criminals; Government; Liberty; Nihilism; Sociology

Refer from Abdomen; Arm; Biology; Body, Human (s); Bones; Chest; Digestive system; Dissection; Foot; Glands; Hand; Head; Histology; Human anatomy (s); Human body (s); Joints; Leg; Man; Medicine; Morphology; Muscles; Nervous system; Organography (s); Physiology; Respiratory organs; Skeleton; Skin; Surgery; Urinary organs; Vascular system

Refer from Anatomy; Anatomy for artists (s); Art; Art anatomy (s); Artistic anatomy (s); Drawing; Expression; Figure drawing; Figure painting; Human figure in art (s); Painting; Proportion (art); Sculpture

Refer from Anatomy; Animal mechanics; Comparative anatomy (s); Comparative morphology (s); Dissection; Evolution; Man — Origin and antiquity; Skeleton; Zoology; Zootomy (s)

Refer from Confucianism; Family; Parents; Shinto; Worship

Refer from Ships

Refer from After-dinner speeches; Ana (s); Biography; Blunders; Humor; Illustrations (anecdotes) (s); Literature; Table-talk

Refer from Law; Lawyers; Legal anecdotes (s)

Refer from Medical anecdotes (s); Medicine; Physicians and surgeons

Refer from Music; Music — Anecdotes (s); Musical anecdotes (s); Musicians

Refer from Homiletical illustrations (s); Preaching; Religious anecdotes (s); Religious literature; Sermons — Illustrative helps (s)

Refer from Meteorological instruments; Winds

Refer from Anæsthesia (s); Chloroform; Cocaine; Drugs; Ether (anesthetic); Medicine; Pain; Surgery; Therapeutics

Angels

See also Demonology

Anger

See also Emotions

Angles

See also Geometry

Anglican church *see* Church of England

Anglican communion

See also Church of England; Protestant

Episcopal church in the U. S.

Angling *see* Fishing

Anglo-Boer war *see* South African war, 1899-1902

Anglo-Israelism

See also Jews — Lost tribes

Anglo-Saxon language

See also English language; Germanic languages

Anglo-Saxon literature

See also Anglo-Saxon poetry; English literature

Anglo-Saxon poetry

See also Anglo-Saxon literature; English poetry

Anglo-Saxons

See also England — History — To 1066; Teutonic race

Angora goats

See also Goats

Aniline colors *see* Coal-tar colors

Animal behavior *see* Animals — Habits and behavior

Animal charcoal

See also Bone products

Animal chemistry *see* Physiological chemistry

Animal coloration *see* Color of animals

Animal drawing *see* Animal painting and illustration

Animal dwellings *see* Animals — Habitations

Animal electricity *see* Electrophysiology

Animal experimentation

See also Vivisection

Animal fats *see* Oils and fats

Animal food

See also Meat; Vegetarianism

Animal heat

See also Physiological chemistry

Animal homes *see* Animals — Habitations

Animal industry *see* Domestic animals; Live stock

Animal instinct *see* Instinct

Animal intelligence

See also Animals — Habits and behavior; Automatism; Instinct; Psychology, Comparative

Animal kingdom *see* Zoology

Refer from Bible; Heaven; Theology

Refer from Emotions; Ethics

Refer from Geometry

Refer from Church of England; Protestant Episcopal church in the U. S.

Refer from Jews; Jews — Lost tribes

Refer from English language; English language — Old English (s); Germanic languages; Old English language (s); Saxon language (s)

Refer from Anglo-Saxon poetry; English literature; Middle ages — Literature; Old English literature (s)

Refer from Anglo-Saxon literature; English poetry

Refer from Civilization; England — History — To 1066; Ethnology — England; Ethnology — U. S.; Teutonic race

Refer from Goats

Refer from Bone black (s); Bone products; Charcoal

Refer from Animals, Experiments on (s); Animals — Treatment; Experiments (s); Medical research; Vivisection

Refer from Diet; Food; Meat; Vegetarianism

Refer from Calorimeters and calorimetry; Heat; Physiological chemistry; Temperature

Refer from Animal psychology (s); Animals — Habits and behavior; Animals — Stories; Instinct; Intellect; Intelligence of animals (s); Mind in animals (s); Psychology; Psychology, Comparative; Reason; Soul

Animal locomotion

See also Animal mechanics; Flight; Muscles; Running; Speed; Swimming; Walking

Animal lore [including legends]

See also Animal worship; Animals, Mythical; Animals — Stories; Bestiaries; Dragons; Fables; Folklore; Natural history; Nature myths; Vampires; Werewolves

Animal magnetism

See also Clairvoyance; Hypnotism; Suggestion

Animal mechanics

See also Anatomy, Comparative; Animal locomotion; Flight

Animal mythology *see* Animal lore; Animals, Mythical

Animal oils *see* Oils and fats

Animal painting and illustration

Animal parasites *see* Parasites

Animal photography *see* Photography — Animals

Animal pictures *see* Animals — Pictures

Animal products

See also Bone products; Chemistry, Technical; Commercial products; Dairy products; Eggs; Feathers; Fur; Gelatin; Glue; Hides and skins; Ivory; Leather; Meat; Oils and fats; Silk; Wool

Animal psychology *see* Animal intelligence; Psychology, Comparative

Animal speech *see* Animals — Language

Animal stories *see* Animals — Stories

Animal worship

See also Serpent worship; Totems and totemism

Animalcules

See also Infusoria; Microscope and microscopy; Protozoa

Animals [for descriptive and non-systematic material]

See also Birds; Color of animals; Domestic animals; Hunting; Insects; Instinct; Menageries; Mimicry (biology); Natural history; Nature study; Pets; Play; Taxidermy; Vivariums; Zoological gardens; Zoology, and references under that subject; *also* headings beginning Animal, and names of animals

— Behavior, *see* Animals — Habits and behavior

— Breeding, *see* Breeding

— Coloration, *see* Color of animals

— Cruelty to, *see* Animals — Treatment

— Diseases

See also Cattle — Diseases; Domestic animals; Parasites; Tuberculosis in animals; Veterinary medicine

— Domestic, *see* Domestic animals

Refer from Anatomy, Comparative; Animal mechanics; Flight; Locomotion; Motion; Movements of animals (s)

Refer from Animal mythology (s); Animals — Folklore (s); Animals — Legends (s); Animals, Mythical; Animals — Stories; Animals in folklore (s); Bestiaries; Dragons; Fables; Folklore; Folklore of animals (s); Imaginary animals (s); Legends; Nature myths; Zoological mythology (s)

Refer from Biomagnetism (s); Clairvoyance; Hypnotism; Magnetism; Mental healing; Mesmerism (s); Psychical research; Suggestion

Refer from Anatomy, Comparative; Animal locomotion; Flight; Mechanics

Refer from Anatomy, Artistic; Animal drawing (s); Art; Drawing; Painting

Refer from Bone products; Chemistry, Technical; Commercial products; Zoology, Economic

Refer from Animal lore; Animals, Worship of (s); Mythology; Nature worship; Totems and totemism; Worship

Refer from Micro-organisms (s); Zoology

Refer from Beasts (s); Natural history; Nature; Nature study; Quadrupeds; Wild animals (s); Zoology

Refer from Diseases of Animals (s); Veterinary medicine

Animals — Continued

- Experiments on, *see* Animal experimentation
- Extinct**
See also Paleontology
- Fictitious, *see* Animals, Mythical
- Folklore, *see* Animal lore
- Fossil, *see* Paleontology
- Geographic distribution, *see* Geographical distribution of animals and plants
- Habitations**
See also Nests
- Habits and behavior**
See also Animal intelligence; Animals — Stories; Hibernation; Instinct; Irritability; Mimicry (biology); Nature study; Orientation; *also* names of animals
- Imaginary, *see* Animals, Mythical
- Irritability, *see* Irritability
- Language**
- Legends, *see* Animal lore; Animals — Stories
- Migration**
See also Birds — Migration; Geographical distribution of animals and plants
- Mythical**
See also Animal lore; Dragons; Sea serpents; Vampires; Werwolves
- Orientation, *see* Orientation
- Photography, *see* Photography — Animals
- Pictures**
See also Photography — Animals
- Protection, *see* Animals — Treatment; Game laws; Game protection
- Stories**
See also Animal intelligence; Animal lore; Animals — Habits and behavior; Fables; Nature study; *also* names of animals, e.g. Birds — Stories; Dogs — Stories
- Training**
See also Domestication; Horse training
- Transportation**
- Treatment**
See also Animal experimentation; Animals — Transportation; Checkreins; Humane societies; Vivisection
- Useful and harmful, *see* Domestic animals; Zoology, Economic
- Worship of, *see* Animal worship

Refer from Extinct animals (s); Paleontology

Refer from Animal dwellings (s); Animal homes (s); Habitations of animals (s); Nests

Refer from Animal behavior (s); Animal intelligence; Animals — Behavior (s); Animals — Stories; Habits of animals (s); Hibernation; Instinct; Mimicry (biology); Nature study

Refer from Animal speech (s); Language of animals (s); Speech; Speech of animals (s)

Refer from Birds — Migration; Geographical distribution of animals and plants; Migration of animals (s)

Refer from Animal lore; Animal mythology (s); Animals, Fictitious (s); Animals, Imaginary (s); Dragons; Imaginary animals (s); Mythical animals (s); Mythology; Sea serpents; Vampires; Werwolves; Zoological mythology (s)

Refer from Animal pictures (s); Pictures

Refer from Animal lore; Animal stories (s); Animals — Habits and behavior; Animals — Legends (s); Nature study

Refer from Animals in captivity (s); Circus; Domestication; Training

Refer from Animals — Treatment; Cattle — Transportation (s); Live stock — Transportation (s); Transportation; Transportation of animals (s)

Refer from Animals, Cruelty to (s); ~~Animals — Protection (s); Brutes (s); Cruelty; Domestic animals; Ethics; Humane societies; Kindness to animals (s); Prevention of cruelty to animals (s); Treatment of animals (s)~~

Animals in captivity *see* Animals — Training;
Menageries; Zoological gardens
Animals in folklore *see* Animal lore

Animals in poetry

Animation, Suspended, *see* Suspended anima-
tion

Animatograph *see* Moving pictures

Animism

See also Fetishism; Idealism; Material-
ism; Serpent worship; Soul; Spiritualism;
Transmigration; Tree worship

Annals *see* Chronology, Historical; History

Annealing

See also Glass; Iron; Steel

Annexations *see* names of countries and cities,
subhead Annexations

Annihilation

See also Future life

Anniversaries

See also Birthdays; Holidays; Wedding
anniversaries

Annals [enter here only the old-fashioned gift
books]

See also Almanacs; Yearbooks

Annals (plants)

See also Botany; Floriculture

Annuities

See also Insurance, Life; Pensions

Anointing *see* Unction

Anonyms

See also Pseudonyms

Ant *see* Ants

Antarctic expeditions *see* Antarctic regions

Antarctic regions

See also Scientific expeditions; South pole;
Voyages and travels

Ante-Nicene fathers *see* Fathers of the church

Anthems

See also Chants; Church music; Hymns

Anthologies *see* Poetry — Collections; *also*,
e.g., English poetry — Collections

Anthracite coal *see* Coal

Anthracite coal strike, 1902

Anthropogeography

See also Acclimatization; Environment;
Migration of nations

Anthropology

See also Anthropogeography; Anthro-
pometry; Archaeology; Cave dwellers; Civi-
lization; Cliff dwellers and cliff dwellings;
Color of man; Crime and criminals; Degen-
eration; Environment; Ethnology; Eth-
nopsychology; Eugenics; Evolution; Lake
dwellers and lake dwellings; Language;

Refer from Poetry; Poetry of animals (s)

Refer from Fetishism; Folklore; Life;
Materialism; Soul; Tree worship

Refer from Glass; Iron; Metals; Pottery;
Steel

Refer from Future life; Theology

Refer from Birthdays; Celebrations (s);
Holidays

Refer from Yearbooks

Refer from Botany; Floriculture; Plants

Refer from Insurance, Life; Investments;
Pensions; Probabilities

Refer from Authors; Bibliography; Pseudo-
nyms

Refer from Antarctic expeditions (s); Arctic
regions; Discoveries and explorations; Earth;
Geography; Polar regions (s); Scientific expe-
ditions; South pole; Voyages and travels

Refer from Chants; Choruses and part songs;
Church music; Music; Songs

Refer from Coal mines and mining; Labor
and laboring classes — Pennsylvania; Strikes
and lockouts

Refer from Acclimatization; Anthropology;
Commercial geography; Environment; Eth-
nology; Geographical distribution of men (s);
Geography; Geography, Social (s); History;
Immigration and emigration; Man; Migration
of nations

Refer from Archaeology; Civilization; Eth-
nology; Evolution; History; Human race (s);
Man; Man — Natural history (s); Migration
of nations; Natural history; Race characteris-
tics (s); Science; Sociology

Man; Manners and customs; Migration of nations; Skeleton; Society, Primitive; Sociology; Tribes and tribal system; Women; *also* names of races, tribes, etc.

Anthropometry

See also Bertillon system; Finger prints; Identification; Psychometry

Refer from Anatomy; Anthropology; Bertillon system; Crime and criminals; Ethnology. Human body (s); Identification; Man; School children

Anthropophagy *see* Cannibalism

Antichrist

Anti-corrosive paint *see* Corrosion and anti-corrosives

Antidotes *see* Poisons; *also* names of poisons

Anti-imperialism *see* Imperialism

Anti-masonry *see* Freemasons

Antinomianism

Refer from Jesus Christ; Theology

Antiquarian societies

See also Historical societies

Antiquarians *see* Archaeologists

Antiques

Refer from Calvinism; Congregationalism; Massachusetts — Religious history; Mosaic law; Theology

Refer from Archaeology; Historical societies; Societies

Refer from Art; Collectors and collecting; Furniture

—Forged

See also Art forgeries

Refer from Art forgeries; Counterfeits; Forgeries (s); Forgery of antiques (s); Fraud; Imposture; Swindlers and swindling

Antiquities *see* Archaeology; *also* names of countries, cities, etc., subhead Antiquities

Antiquity of man *see* Man — Origin and antiquity

Anti-reformation *see* Counter-reformation

Anti-Semitism *see* Jews — Political and social conditions

Antiseptics

See also Disinfection and disinfectants; Putrefaction

Refer from Disinfection and disinfectants; Medicine; Putrefaction; Surgery; Therapeutics

Antislavery *see* Slavery

Antitoxins

See also Immunity; Serum therapy

Refer from Diphtheria; Drugs; Immunity; Physiological chemistry; Poisons; Serum therapy; Tetanus; Therapeutics; Toxins

Antlers *see* Horns

Antonyms *see* Synonyms and antonyms

Ants

See also Hymenoptera

Anxiety *see* Fear; Worry

Apache Indians

Apartment houses

See also Lodging houses; Tenement houses

Refer from Ant (s); Hymenoptera

Refer from Indians

Refer from Architecture, Domestic; Flats (s); Home economics; Hotels; Housing problem; Landlord and tenant; Tenement houses

Ape *see* Apes

Apes

See also Gorillas; Monkeys; Primates

Refer from Ape (s); Gorillas; Monkeys; Primates

Refer from Brain; Mental diseases; Speech

Aphasia

Aphididae *see* Plant lice

Aphorisms *see* Epigrams; Maxims; Proverbs; Quotations; Table-talk

Apiaries *see* Bees

Apiculture *see* Bees

Apocalypse *see* Bible — New Testament — Revelation

Apocalyptic literature

See also Bible — New Testament — Revelation; Revelation

Apocrypha *see* Bible — Old Testament — Apocrypha

Apocryphal books (New Testament) *see* Bible — New Testament — Apocryphal books

Apologetics *see* Christianity — Evidences

Apoplexy

Apostles

See also Bible — New Testament; Church history — Early church — Apostolic; Saints

Apostles' creed

Apostolic canons

See also Apostolic constitutions

Apostolic church *see* Church history — Early church — Apostolic

Apostolic constitutions

See also Apostolic canons

Apostolic fathers

See also Church history — Early church — Apostolic; Fathers of the church

Apostolic succession

See also Bishops; Catholic church — Clergy; Church of England — Clergy; Episcopacy; Popes

Apothecaries *see* Pharmacists

Apothegms *see* Epigrams; Maxims; Proverbs; Quotations; Table-talk

Apparatus *see* Instruments

Apparitions

See also Demonology; Ghosts; Illusions and hallucinations; Psychical research; Spiritualism

Appeal

Appendicitis

Apperception

See also Attention; Knowledge; Perception; Psychology; Psychology, Educational

Apple

See also Cider; Fruit

Apples *see* Apple

Applied mechanics *see* Mechanical engineering; Mechanics, Applied

Applied science *see* Technology

Refer from Bible — New Testament — Revelation; Prophecies; Revelation

Refer from Brain; Cerebral hemorrhage (s); Medicine — Practice; Paralysis

Refer from Bible; Bible — New Testament; Christian biography; Christianity; Church history — Early church — Apostolic; Evangelists (s); Jesus Christ; Saints; Theology

Refer from Catholic church — Catechisms and creeds; Church of England — Catechisms and creeds; Creeds

Refer from Apostolic constitutions; Canons, Apostolic (s); Church law; Fathers of the church; Theology

Refer from Apostolic canons; Bible — New Testament — Apocryphal books; Church law; Constitutions, Apostolic (s); Fathers of the church; Theology

Refer from Christian biography; Church history — Early church — Apostolic; Fathers of the church

Refer from Bishops; Catholic church; Catholic church — Clergy; Church history; Church of England; Church of England — Clergy; Church polity; Episcopacy; Popes; Protestant Episcopal church in the U. S.; Theology

Refer from Demonology; Dreams; Ghosts; Illusions and hallucinations; Phantoms (s); Psychical research; Psychology; Specters (s); Spectres (s); Spirits (s); Spiritualism; Supernatural; Superstition; Visions (s)

Refer from Courts; Law; Pleading and practice

Refer from Intestines; Medicine — Practice; Surgery

Refer from Knowledge; Perception; Psychology, Educational

Refer from Apples (s); Fruit

Appraisal of books *see* Book reviews; Books and reading; Books and reading — Best books; Criticism; Literature — History and criticism

Appraising

See also Administrators and executors; Arbitration and award; Damages; Eminent domain; Insurance; Taxation

Appreciation of art *see* Art — Appreciation

Appreciation of music *see* Music — Appreciation

Apprentices

April fools' day

Aquariums

See also Fresh-water fauna; Water gardens

Aquatic animals *see* Fresh-water fauna; Marine zoology

Aquatic birds *see* Water birds

Aquatic gardening *see* Water gardens

Aquatic insects *see* Insects, Aquatic

Aquatic life *see* Fresh-water life; Marine biology

Aquatic plants

See also Algæ; Fresh-water life; Marine biology; Water gardens

Aquatic sports

See also Boats and boating; Canoes and canoeing; Fishing; Rowing; Sailing; Sports; Swimming; Yachts and yachting

Aqueducts

See also Civil engineering

Arabesques

See also Decoration and ornament

Arabic language

See also Inscriptions, Arabic; Manuscripts, Arabic; Semitic languages

Arabic literature

See also Arabic poetry; Oriental literature

Arabic numerals *see* Numerals

Arabic poetry

See also Arabic literature

Arabs

See also Algeria; Arabia; Bedouins; Mohammedanism; Moors; Saracens; Semitic race

Arabs in Spain *see* Moors in Spain

Arachnida

See also Arthropoda; Spiders

Arbitrage *see* Stock exchange

Arbitration, Industrial, *see* Arbitration and conciliation, Industrial

Arbitration, International

See also Disarmament; International law; Peace; War

Refer from Arbitration and award; Damages; Law; Property; Taxation

Refer from Boys; Child labor; Economics; Indentured servants; Industrial education; Labor and laboring classes; Master and servant; Technical education

Refer from All fools' day (s); Days; Manners and customs

Refer from Fish; Fresh-water fauna; Marine zoology; Natural history; Vivariums; Water gardens; Zoology

Refer from Algæ; Botany; Fresh-water flora (s); Fresh-water life; Marine biology; Marine botany (s); Marine flora (s); Marine plants (s); Plants; Plants, Aquatic (s); Sea plants (s); Water gardens; Water plants (s)

Refer from Boats and boating; Rowing; Sailing; Sports; Swimming; Water sports (s); Yachts and yachting

Refer from Canals; Civil engineering; Conduits (s); Engineering; Hydraulic engineering; Water supply

Refer from Decoration and ornament

Refer from Semitic languages

Refer from Arabic poetry; Oriental literature; Turkish literature

Refer from Arabic literature

Refer from Algeria; Arabia; Bedouins; Mohammedanism; Moors; Saracens; Semitic race

Refer from Arthropoda; Spiders

Refer from Arbitration and award; Disarmament; International arbitration (s); International law; International relations; Peace; Treaties; War

Arbitration and award

See also Arbitration, International; Appraising; Damages; Eminent domain

Arbitration and conciliation, Industrial

See also Labor and capital; Labor exchanges; Strikes and lockouts; Trade agreements

Refer from Appraising; Awards (s); Damages; Law

Refer from Arbitration, Industrial (s); Commercial law; Conciliation, Industrial (s); Industrial arbitration (s); Industrial conciliation (s); Labor and capital; Labor and laboring classes; Labor unions; Strikes and lockouts; Trade agreements

Arbor day

See also Tree planting

Arboriculture *see* Forests and forestry; Fruit culture; Tree planting; Trees

Arc, Electric, *see* Electric arc

Arc lamps *see* Electric lamps

Arc light *see* Electric lighting; *also* Electric arc

Arcades

Arch *see* Arches

Archaean period *see* Geology, Stratigraphic — Archaean

Archaeologists

See also Historians

Refer from Forests and forestry; Holidays; Tree planting; Trees

Refer from Architecture

Refer from Antiquarians (s); Biography; Historians

Archaeology

See also Amulets; Anthropology; Antiquarian societies; Architecture, Ancient; Arms and armor; Arrowheads; Art, Ancient; Art, Primitive; Baths and bathing; Bells; Bible — Antiquities; Brasses; Bronze age; Bronzes; Burial; Castles; Catacombs; Cave dwellers; Caves; Cemeteries; Chariots; Christian antiquities; Christian art and symbolism; Civilization; Classical antiquities; Cliff dwellers and cliff dwellings; Copper age; Costume; Cromlechs; Cross; Earthworks (archaeology); Epitaphs; Ethnology; Folklore; Funeral rites and ceremonies; Gems; Heraldry; History; History, Ancient; Indians — Antiquities; Industries, Primitive; Inscriptions; Iron age; Kitchen middens; Lake dwellers and lake dwellings; Man — Origin and antiquity; Manners and customs; Medals; Middle ages; Monuments; Mounds and mound builders; Mummies; Mythology; Numismatics; Obelisks; Painting; Picture writing; Pottery; Pyramids; Round towers; Sculpture; Seals (numismatics); Stone age; Stone implements; Sundials; Temples; Tombs; *also* names of countries, cities, etc., subhead Antiquities

Refer from Anthropology; Antiquities (s); Architecture; Architecture, Ancient; Art; Art, Ancient; Art, Primitive; Bronze age; Cave dwellers; Civilization; Classical antiquities; Cliff dwellers and cliff dwellings; Copper age; Earthworks (archaeology); Ethnology; Excavations (s); History; History, Ancient; Industries, Primitive; Iron age; Lake dwellers and lake dwellings; Man; Man — Origin and antiquity; Manners and customs; Monuments; Mythology; Prehistoric archaeology (s); Ruins (s); Stone age

Archbishops

See also Bishops; Catholic church — Clergy; Church of England — Clergy

Refer from Bishops; Catholic church — Biography; Catholic church — Clergy; Christian biography; Church of England — Biography; Church of England — Clergy; Episcopacy

Archegony *see* Spontaneous generation

Archery

See also Bow and arrow

Refer from Bow and arrow; Military art and science; Shooting; Sports

Arches

See also Arches of triumph; Architecture; Bridges; Building; Culverts; Strains and stresses; Vaulting

Arches of triumph

Architects

Architectural acoustics *see* Acoustics of buildings

Architectural design

See also Architectural drawing

Architectural details *see* Architecture — Details

Architectural drawing

See also Architectural design; Architecture — Details; Blue prints; Mechanical drawing

Architectural gardening *see* Landscape gardening

Architecture

See also Acoustics of buildings; Amphitheaters; Arcades; Archaeology; Arches; Arches of triumph; Architects; Architectural design; Architectural drawing; Art; Barns and stables; Basilicas; Baths, Public; Bridges; Building; Building materials; Carpentry; Castles; Cathedrals; Ceilings; Chimneys; Christian art and symbolism; Church architecture; Columns; Concrete construction; Cornices; Decoration and ornament; Domes; Doors; Factories; Farm buildings; Fences; Fireplaces; Fireproof construction; Floors; Foundations; Fountains; Gables; Garages; Gates; Grain elevators; Greenhouses; Grilles; Heating; High buildings; Hospitals; Hotels; House painting; Library architecture; Machine shops; Masonry; Metal work; Military architecture; Mills and millwork; Moldings; Mosques; Municipal art; Municipal centers; Mural painting and decoration; Obelisks; Orders of architecture; Orientation (architecture); Packing houses; Palaces; Pergolas; Plumbing; Portable buildings; Proportion (art); Public buildings; Pyramids; Railings; Railroads — Buildings; Railroads — Stations; Roofs; Sanitary engineering; Schoolhouses; Secret chambers; Spires; Stair building; Steel construction; Strains and stresses; Strength of materials; Temples; Theaters; Tombs; Towers; Trusses; Vaulting; Vaults; Ventilation; Walls; Warehouses; Windows; Woodwork; *also* names of cities, subhead Architecture

—Ancient

See also Archaeology; Architecture, Greek; Cliff dwellers and cliff dwellings; Lake dwellers and lake dwellings; Pyramids; Temples

—Colonial

See also Architecture, American; *also* names of states and cities, subhead Historic houses, etc.

Refer from Arch (s); Architecture; Bridges; Building; Civil engineering; Engineering; Masonry; Roofs; Strains and stresses; Vaulting

Refer from Arches; Architecture; Monuments; Triumphal arches (s)

Refer from Architecture; Artists; Biography

Refer from Architectural drawing; Architecture; Decoration and ornament; Design, Architectural (s); Design, Decorative

Refer from Architectural design; Architecture; Drawing; House plans (s); Mechanical drawing; Plans (architecture) (s)

Refer from Acoustics of buildings; Amphitheaters; Arches; Art; Basilicas; Building; Castles; Church architecture; Columns; Construction (s); Cornices; Decoration and ornament; Domes; Doors; Engineering; Industrial arts; Moldings; Palaces; Pergolas; Roofs; Strength of materials; Towers; Vaulting; Windows

Refer from Archaeology; Art, Ancient

Refer from Architecture, American; Colonial architecture (s); Colonial life and customs

Architecture — Continued

—Details

—Domestic

See also Apartment houses; Bungalows; Cottages; Country houses; Farm buildings; Fireplaces; Heating; House decoration; House painting; Housing problem; Log cabins; Plumbing; Tenement houses

—Ecclesiastical, *see* Church architecture

—Gothic

See also Cathedrals; Church architecture

—Greek

See also Orders of architecture; Temples

—Medieval

See also Castles; Cathedrals, and other references under Architecture

—Military, *see* Fortification; Military architecture

—Mohammedan

See also Alhambra; Mosques

—Moorish, *see* Architecture, Mohammedan

—Naval, *see* Shipbuilding

—Oriental

See also Architecture, Mohammedan; Mosques; Taj Mahal; Temples

—Renaissance

See also Art, Renaissance

—Rural, *see* Architecture, Domestic; Bungalows; Cottages; Country houses; Farm buildings

Archives

See also Charters; Manuscripts; Paleography; Vital records; *also* names of countries, subhead Archives

Arctic expeditions *see* Arctic regions

Arctic flora *see* Botany — Arctic regions

Arctic regions

See also Antarctic regions; Eskimos; Icebergs; North pole; Northeast passage; Northwest passage; Scientific expeditions; Voyages and travels; *also* names of exploring expeditions

Areometer *see* Hydrometer

Argon

Argonauts

See also Mythology, Classical

Argot *see* Slang

Argument *see* Debating; Logic

Arianism

See also Church history — Early church; Jesus Christ — Divinity; Socinianism; Trinity; Unitarianism

Arid farming *see* Dry farming

Refer from Architectural details (s); Architectural drawing; Details, Architectural (s)

Refer from Architecture, Rural (s); Cottages; Country houses; Domestic architecture (s); Dwellings (s); Farm buildings; Farm houses (s); Fireplaces; Habitations, Human (s); House plans (s); Houses (s); Plans (architecture) (s); Residences (s); Rural architecture (s); Suburban houses (s); Summer cottages (s); Tenement houses; Villas (s)

Refer from Cathedrals; Christian antiquities; Church architecture; Gothic architecture (s); Pointed architecture (s)

Refer from Architecture, Ancient; Greek architecture (s); Orders of architecture

Refer from Medieval architecture (s); Middle ages — Architecture (s)

Refer from Architecture, Moorish (s); Architecture, Oriental; Mohammedan architecture (s); Moorish architecture (s); Mosques

Refer from Mosques; Oriental architecture (s); Temples

Refer from Art, Renaissance; Renaissance; Renaissance architecture (s)

Refer from Bibliography; Charters; Documents (s); History — Sources; Manuscripts; Public records (s); Records, Public (s)

Refer from Arctic expeditions (s); Discoveries and explorations; Earth; Eskimos; Geography; Ice; Icebergs; North pole; Northeast passage; Northwest passage; Polar regions (s); Scientific expeditions; Voyages and travels

Refer from Air; Chemical elements; Gases

Refer from Golden fleece (s); Mythology, Classical

Refer from Church history — Early church; Humanitarianism (theology) (s); Jesus Christ — Divinity; Socinianism; Trinity; Unitarianism

Aristocracy

See also Democracy; Government; Oligarchy; Peerage

Arithmetic

See also Calculating machines; Decimal system; Interest; Mathematical instruments; Mathematics; Mensuration; Metric system; Notation (mathematics), Numbers; Numerals; Ready-reckoners

—Commercial

See also Accounting; Bookkeeping; Calculating machines; Interest; Ready-reckoners

Arithmetical instruments *see* Mathematical instruments

Arm

See also Anatomy; Artificial limbs

Armada, 1588

See also England — History — Elizabethan period; England — History, Naval; Spain — History — 1479-1700; Spain — History, Naval

Armaments *see* Armies; Disarmament; Navies; *also* names of countries, subheads Army and Navy

Armatures

See also Commutators; Dynamos; Electromagnets

Armenian language

See also Aryan languages; Oriental languages

Armies

See also Army life; Disarmament; Mercenary troops; Militarism; Military art and science; Military hygiene; Military maneuvers; Military service; Militia; Navies; Recruiting and enlistment; Soldiers; War; *also* names of countries, subhead Army

Arminianism

Armor *see* Arms and armor

Armor plate

See also Armored vessels; Coast defense; Nickel steel

Armored concrete *see* Concrete, Reinforced

Armored vessels

See also Armor plate; Navies; Warships

Armories

See also Arsenal; Military architecture

Arms (anatomy) *see* Arm

Arms, Coats of, *see* Heraldry

Arms and armor

See also Artillery; Bayonets; Boomerangs; Bow and arrow; Firearms; Guns; Helmets; Indians — Implements and weapons; Ordnance; Pistols; Rifles; Swords; Throwing sticks

Army *see* Armies; Military art and science;

also names of countries, subhead Army

Army canteens *see* Canteens (army)

Refer from Constitutional history; Democracy; Equality; Government; Nobility (s); Peerage

Refer from Interest; Mathematics; Mental arithmetic (s); Numbers; Oral arithmetic (s); Weights and measures

Refer from Accounting; Business arithmetic (s); Cambistry (s); Commercial arithmetic (s)

Refer from Anatomy; Arms (anatomy) (s)

Refer from England — History — Elizabethan period; England — History, Naval; Naval battles; Spain — History — 1479-1700; Spain — History, Naval; Spanish armada (s)

Refer from Dynamos; Electric apparatus and appliances; Electric armatures (s); Electric engineering; Electric motors; Electricity; Electromagnets

Refer from Aryan languages; Oriental languages

Refer from Armaments (s); Army (s); Disarmament; Militarism; Military art and science; Military power (s); Navies; Soldiers; Standing army (s); War

Refer from Calvinism; Predestination; Theology

Refer from Armored vessels; Coast defense; Naval art and science; Nickel steel; Steel; Warships

Refer from Armor plate; Iron-clad vessels (s); Ironclads (s); Naval art and science; Navies; Shipbuilding; Ships; Warships

Refer from Arsenal; Military architecture

Refer from Archaeology; Armor (s); Bayonets; Costume, Military (s); Firearms; Heraldry; Military art and science; Military costume (s); Swords; Weapons (s)

Army life

See also Military service; Soldiers

Army of the Cumberland

See also U. S. — History — Civil war

Army of the Potomac

See also Peninsular campaign, 1862; U. S. — History — Civil war

Aromatic plant products *see* Essences and essential oils

Arrest

See also Bail; Constables; Extradition; Habeas corpus; Sheriffs

Arrow-heads *see* Arrowheads

Arrowheads

See also Bow and arrow; Indians — Antiquities

Arrows *see* Bow and arrow

Arsenals

See also Armories; Military architecture; also names of cities, subhead Arsenals

Arsenic**Art**

See also Anatomy, Artistic; Animal painting and illustration; Antiques; Archaeology; Architecture; Art and morals; Art forgeries; Art in literature; Art societies; Artists; Arts and crafts, and references under that subject; Brasses; Bric-a-brac; Bronzes; Caricature and cartoons; Carving (art industries); Children in literature and art; Christian art and symbolism; Classicism; Collectors and collecting; Composition (art); Costume; Decoration and ornament; Design, Decorative; Drawing; Engraving; Esthetics; Etching; Frescoes; Gems; Glyptics; House decoration; Idealism in art; Illustration of books; Impressionism (art); Indians — Art; Industrial arts; Landscape gardening; Lithography; Madonnas; Miniature painting; Mosaics; Municipal art; Mural painting and decoration; Music; Naturalism in art; Nude in art; Numismatics; Painting; Pastel; Photography; Pictures; Portraits; Posters; Preraphaelitism; Proportion (art); Realism in art; Sculpture; Silhouettes; Stained glass; Symbolism; Women in literature and art; also names of cities, subhead Art

— American

See also Architecture, *American; Painting, American; Sculpture, American

— Ancient

See also Archaeology; Architecture, Ancient; Art, Primitive; Classical antiquities; also Art, Greek; Art, Roman; etc.

— Appreciation

See also Art — Criticism; Art — Study and teaching; Esthetics

Refer from Armies; Military life (s); Soldiers; U. S. — Army

Refer from Cumberland, Army of the (s); U. S. — History — Civil war; U. S. — History — Civil war — Campaigns and battles; U. S. — History — Civil war — Regimental histories

Refer from Peninsular campaign, 1862; Potomac, Army of the (s); U. S. — History — Civil war; U. S. — History — Civil war — Campaigns and battles; U. S. — History — Civil war — Regimental histories

Refer from Bail; Constables; Criminal law; Imprisonment (s); Sheriffs

Refer from Archaeology; Arrow-heads (s); Bow and arrow; Indians — Antiquities

Refer from Armories; Firearms; Military architecture; Ordnance

Refer from Chemical elements; Poisons

Refer from Architecture; Arts, Fine (s); Arts and crafts; Christian art and symbolism; Civilization; Composition (art); Decoration and ornament; Design, Decorative; Esthetics; Fine arts (s); Graphic arts (s); Iconography (s); Painting; Sculpture

Refer from American art (s); U. S. — Art (s); U. S. — Fine arts (s)

Refer from Ancient art (s); Archaeology

Refer from Appreciation of art (s); Art — Criticism; Art — Study and teaching; Esthetics

Art—Continued

—Christian, *see* Christian art and symbolism

—**Criticism**

See also Art — Appreciation; Esthetics

—Decorative, *see* Arts and crafts; Decoration and ornament; Design, Decorative

—Education, *see* Art — Study and teaching

—**Exhibitions**

See also Art — Galleries and museums

—**Galleries and museums**

See also Art — Exhibitions; Paintings; also names of galleries, e.g. Louvre, Versailles (palace); and names of cities, sub-head Galleries and museums

—**Medieval**

—Municipal, *see* Municipal art

—**Primitive**

See also Archæology; Indians — Art

—**Renaissance**

See also Architecture, Renaissance; Renaissance

—**Study and teaching**

See also Art — Appreciation

Art anatomy *see* Anatomy, Artistic

Art and morals

See also Nude in art

Art criticism *see* Art — Criticism

Art education *see* Art — Study and teaching

Art forgeries

See also Antiques, Forged

Art galleries *see* Art — Galleries and museums

Art glass *see* Glass, Ornamental

Art in literature

Art in the schoolroom *see* Art — Study and teaching; School decoration

Art industries *see* Arts and crafts; Industrial arts

Art museums *see* Art — Galleries and museums

Art societies

Arteries

See also Blood; Blood vessels; Veins

Artesian wells

See also Boring; Wells

Arthropoda

See also Arachnida; Crustacea; Insects; Invertebrates; Myriapoda

Arthurian romances

See also Grail

Articles, Thirty-nine, *see* Church of England

— Articles of religion

Articulations *see* Joints

Artificial flowers

See also Glass flowers; Paper flowers; Wax flowers

Refer from Art — Appreciation; Art criticism (s); Criticism; Esthetics

Refer from Art — Galleries and museums; Exhibitions; Paintings; Pictures

Refer from Art—Exhibitions; Art galleries(s); Art museums (s); Exhibitions; Galleries (art) (s); Museums; Paintings; Pictures

Refer from Medieval art (s); Middle ages — Art (s)

Refer from Archaeology; Art, Ancient; Ethnology; Primitive art (s)

Refer from Architecture, Renaissance; Renaissance; Renaissance art (s)

Refer from Art — Appreciation; Art — Education (s); Art education (s); Art in the schoolroom (s)

Refer from Art; Ethics; Nude in art

Refer from Antiques, Forged; Art; Counterfeits; Forgeries (s); Forgery; Forgery of works of art (s); Fraud; Imposture; Paintings; Pictures; Swindlers and swindling

Refer from Art; Literature

Refer from Art; Artists; Societies

Refer from Blood; Blood vessels; Vascular system; Veins

Refer from Boring; Hydraulic engineering; Water supply; Wells

Refer from Arachnida; Crustacea; Insects; Invertebrates; Myriapoda

Refer from Chivalry; Grail; Legends; Middle ages — Literature; Romances; Round Table (s)

Refer from Fancy work; Flowers; Flowers, Artificial (s); Millinery

Artificial ice *see* Ice — Manufacture
Artificial language *see* Language, Artificial
Artificial limbs
Artificial stone *see* Stone, Artificial

Artillery

See also Artillery drill and tactics; Gunnery; Military art and science; Naval guns; Ordnance; Projectiles; *also* under country, e.g. U. S.—Army—Artillery. For volunteer regiments in the U. S. *see* under name of state, e.g. New York artillery

Artillery drill and tactics

See also Gunnery; Tactics; Target practice

Artistic anatomy *see* Anatomy, Artistic

Artists

See also Architects; Art societies; Bohemianism; Engravers; Illustrators; Musicians; Painters; Sculptors; Women as artists

Artists' marks

Arts, Fine, *see* Art

Arts, Useful, *see* Industrial arts

Arts and crafts

See also Art; Basketwork; Beadwork; Bookbinding; Carving (art industries); China painting; Coppersmithing; Decoration and ornament; Design, Decorative; Domestic arts; Embroidery; Enamel; Furniture; Gesso; Glass; Goldsmithing; Handicraft; Illumination of manuscripts and books; Industrial arts; Inlay; Ironwork; Jewelry; Lace; Lacquer; Leather work; Manual training; Metal work; Modeling; Mosaics; Needlework; Pewter; Pottery; Pyrography; Repoussé work; Rugs; Shellwork; Silversmithing; Stencil work; Tapestry; Weaving; Wood carving

Aryan civilization *see* Civilization, Aryan

Aryan languages

See also Armenian language; Celtic languages; Germanic languages; Greek language; Indo-Aryan languages; Iranian languages; Latin language; Romance languages; Slavic languages

Aryans

See also Caucasian race; Celts; Civilization, Aryan; Hindus; Latin races; Slavs; Teutonic race

Asbestos

See also Geology, Economic

Ascension of Jesus Christ *see* Jesus Christ — Resurrection and ascension

Asceticism

See also Fasting; Hermits; Monasticism

Ash Wednesday

See also Lent

Asiatic cholera *see* Cholera, Asiatic

Refer from Arm; Leg

Refer from Arms and armor; Batteries (military) (s); Coast artillery (s); Coast defense; Field artillery (s); Firearms; Gunnery; Guns; Military art and science; Ordnance

Refer from Artillery; Drill (military); Gunnery; Military art and science; Tactics

Refer from Art; Biography; Engravers; Painters; Sculptors

Refer from Initials; Marks, Artists' (s); Monograms

Refer from Art; Art, Decorative (s); Art industries (s); Carving (art industries); China painting; Coppersmithing; Crafts (s); Decoration and ornament; Design, Decorative; Domestic arts; Enamel; Gesso; Goldsmithing; Handicraft; Illumination of manuscripts and books; Industrial arts; Inlay; Ironwork; Jewelry; Leather work; Manual training; Metal work; Modeling; Mosaics; Pottery; Pyrography; Repoussé work; Silversmithing; Wood carving

Refer from Armenian language; Celtic languages; Germanic languages; Greek language; Indo-Aryan languages; Indo-European languages (s); Indo-Germanic languages (s); Iranian languages; Language; Latin language; Romance languages; Slavic languages

Refer from Caucasian race; Celts; Civilization, Aryan; Ethnology; Ethnology — Asia; Ethnology — Europe; Hindus; Indo-Europeans (s); Indo-Germanic peoples (s); Latin races; Slavs; Teutonic race

Refer from Fireproofing; Geology, Economic; Mineralogy

Refer from Church discipline; Church polity; Conduct of life; Ethics; Fanaticism; Fasting; Hermits; Monasticism

Refer from Christian year; Fasts and feasts; Lent

Asiatic languages *see* Oriental languages

Asiatic literature *see* Oriental literature

Asphalt

See also Geology, Economic; Pavements

Aspiration *see* Ideals

Assassination

See also Anarchism and anarchists;

Murder

Assault

Assaying

See also Blowpipe; Metallurgy; Ores

Assembly, Right of

See also Liberty of speech; Public meetings

Assessment *see* Taxation

Assignments

See also Attachment; Bankruptcy; Commercial law; Liens

Assimilation *see* Absorption (physiology); Metabolism; Nutrition

Associated charities *see* Charity organization

Association *see* Cooperation

Association of ideas

See also Memory; Psychology

Associations *see* Corporations; Gilds; Labor unions; Societies

Assurance *see* Insurance

Assyrian language

See also Cuneiform writing; Semitic languages

Assyrian literature *see* Assyro-Babylonian literature

Assyriology *see* Assyria — Antiquities

Assyro-Babylonian literature

See also Cuneiform writing; Oriental literature

Asteroids

See also Astronomy

Asthma

See also Respiratory organs — Diseases

Astigmatism

See also Eye — Diseases and defects

Astrolabe

See also Astronomical instruments

Astrology

See also Occult sciences

Astronomers

Astronomical instruments

See also Astrolabe; Astronomical photography; Astronomy, Spherical and practical; Chronograph; Heliometer; Helio-stat; Photochronograph; Sextant; Spectroscope; Telescope; Transit (instrument)

Refer from Bitumen (s); Commercial products; Concrete; Geology, Economic; Pavements; Pitch, Mineral (s); Streets

Refer from Conspiracies; Crime and criminals; Murder

Refer from Criminal law

Refer from Analysis (chemistry) (s); Blowpipe; Chemistry; Chemistry — Analysis; Metallurgy; Metals; Mineralogy; Ores; Prospecting

Refer from Liberty; Liberty of speech; Public meetings; Right of assembly (s)

Refer from Attachment; Bankruptcy; Commercial law; Contracts; Debt; Law; Trustees

Refer from Ideas, Association of (s); Memory; Mental association (s); Psychology

Refer from Cuneiform writing; Semitic languages

Refer from Assyrian literature (s); Babylonian literature (s); Cuneiform writing; Oriental literature

Refer from Astronomy; Planets; Solar system; Stars

Refer from Medicine — Practice; Respiratory organs — Diseases

Refer from Eye — Diseases and defects; Sight

Refer from Astronomical instruments

Refer from Astronomy; Divination; Fortune telling; Hermetic art (s); Horoscopes (s); Occult sciences; Omens; Planets; Stars; Superstition; Zodiac

Refer from Astronomy; Scientists

Refer from Astrolabe; Astronomy; Astronomy, Spherical and practical; Chronograph; Heliometer; Helio-stat; Instruments; Optical instruments; Scientific apparatus and instruments; Sextant; Telescope; Transit (instrument)

Astronomical mythology

Astronomical observatories

Astronomical photography

See also Photochronograph

Astronomy

See also Aberration; Almanacs; Asteroids; Astrology; Astronomers; Astronomical instruments, and names of instruments; Astronomical mythology; Astronomical observatories; Astronomical photography; Astrophysics; Azimuth; Bible — Astronomy; Calendar; Chronology; Comets; Earth; Eclipses; Equinoxes; Geodesy; Geography, Mathematical; Globes; Gravitation; Latitude and longitude; Mechanics, Celestial; Meteorites; Meteoritic hypothesis; Meteors; Milky way; Moon; Nautical almanacs; Nautical astronomy; Nebulae; Nebular hypothesis; Nutation; Occultations; Orbits; Parallax; Perturbation; Planetesimal hypothesis; Planets [and their names]; Planispheres; Plurality of worlds; Satellites; Seasons; Solar system; Space; Spectra; Spectrum analysis; Stars; Sun; Tides; Time; Transits; Universe; Zodiac; Zodiactal light

— **Atlases**

See also Planispheres

— **History**

— **Spherical and practical**

See also Aberration; Astronomical instruments; Azimuth; Eclipses; Latitude and longitude; Least squares; Nautical astronomy; Navigation; Nutation; Occultations; Parallax; Refraction; Time

Astrophysics

See also Astronomy; Spectrum analysis;

Stars; Sun

Asylum, Right of

See also Aliens

Asylums

See also Almshouses; Blind — Asylums and education; Charities; Deaf and dumb — Asylums and education; Homes for the aged; Hospitals; Inebriate asylums; Insane hospitals; Orphans and orphan asylums; Poor; *also* names of countries and cities, subhead Hospitals and asylums

Atavism *see* Heredity

Athanasian creed

Atheism

See also Agnosticism; Deism; God; Materialism; Natural religion; Skepticism; Theism

Athletics

See also Boxing; College athletics; Fencing; Games; Gymnastics; Jiu-jitsu; Olympic games; Physical education; Rowing; Running; School athletics; Skating; Sports; Swimming; Track athletics; Training; Walking; Wrestling

Refer from Astronomy; Mythology; Nature myths

Refer from Astronomy; Observatories, Astronomical (s)

Refer from Astronomical instruments; Astronomy; Photography; Photograph, Astronomical (s)

Refer from Asteroids; Astrophysics; Comets; Constellations (s); Earth; Eclipses; Equinoxes; Geography, Mathematical; Globes; Gravitation; Heavens (s); Latitude and longitude; Mathematics; Mechanics, Celestial; Meteors; Milky way; Moon; Nebulae; Nebular hypothesis; Occultations; Parallax; Physics; Planets; Satellites; Science; Sky (s); Solar physics (s); Solar system; Stars; Sun; Tides; Time; Transits; Universe; Uranography (s); Zodiac

Refer from Atlases; Star atlases (s); Stars

Refer from Aberration; Astronomical instruments; Azimuth; Eclipses; Geodesy; Latitude and longitude; Least squares; Nautical astronomy; Nutation; Occultations; Parallax; Refraction; Spherical astronomy (s); Time

Refer from Astronomy; Solar physics (s); Stars; Sun

Refer from Church and state; Church law; Extradition; International law; Law; Right of sanctuary (s); Sanctuary (s)

Refer from Almshouses; Charities; Homes (institutions) (s); Hospitals; Institutions, Charitable and philanthropic (s); Poor

Refer from Catholic church — Catechisms and creeds; Church of England — Catechisms and creeds; Creeds; Trinity

Refer from Agnosticism; Deism; God; Natural religion; Philosophy; Religion; Skepticism; Theism

Refer from Amusements; College athletics; Games; Gymnastics; Physical education; Physical training (s); Play; Sports; Track athletics; Training

Atlantic cable *see* Cables, Submarine

Atlantic coast

See also names of states and localities of the Atlantic coast

Atlases

See also Astronomy — Atlases; Bible — Geography; Geography; Historical atlases; Maps; *also* names of countries, etc., subhead Description and travel — Maps

Atlatl *see* Throwing sticks

Atmosphere *see* Air; Meteorology

Atmospheric electricity

See also Auroras; Lightning

Atmospheric nucleation

See also Condensation; Ionization of gases

Atomic theory

See also Atoms; Chemistry — History; Chemistry, Physical

Atomic weights

See also Chemistry, Physical; Periodic law

Atoms

See also Atomic theory; Atomic weights; Chemistry; Chemistry, Physical; Electrons; Ions; Matter; Molecules; Physics; Stereochemistry

Atonement

See also Jesus Christ

Attachment

See also Assignments; Liens

Attention

See also Observation; Psychology; Psychology, Educational

Attorneys *see* Agency; Lawyers

Auctions

Auditing

See also Accounting; Bookkeeping

Audition *see* Hearing

Audubon societies

Augury *see* Divination

Augustinians

See also Monasticism

Auricular confession *see* Confession

Aurora borealis *see* Auroras

Auroras

See also Atmospheric electricity; Magnetism, Terrestrial

Auscultation

See also Diagnosis

Australian ballot

Austrian literature

See also German literature

Austrian succession, War of, 1740-1748

See also Austria — History; Europe — History — 1492-1789; France — History —

Refer from Geography; Maps

Refer from Air; Auroras; Electricity; Electricity, Atmospheric (s); Lightning; Meteorology

Refer from Air; Condensation; Meteorology; Nucleation, Atmospheric (s)

Refer from Atoms; Chemistry; Chemistry — History; Chemistry, Physical; Matter

Refer from Atoms; Chemical elements; Chemistry; Chemistry, Physical

Refer from Atomic theory; Chemistry; Chemistry, Physical; Matter; Molecules; Physics; Stereochemistry

Refer from Jesus Christ; Jesus Christ — Atonement (s); Sacrifice; Salvation; Theology

Refer from Assignments; Commercial law; Garnishment (s); Law; Liens; Property

Refer from Apperception; Concentration (s); Memory; Mental discipline; Psychology; Psychology, Educational; Thought and thinking

Refer from Business; Commerce; Sale

Refer from Accounting; Bookkeeping; Business; Commercial law; Finance

Refer from Birds — Protection

Refer from Monasticism; St. Augustine, Order of (s)

Refer from Atmospheric electricity; Aurora borealis (s); Magnetism, Terrestrial; Meteorology; Northern lights (s); Polar light (s); Zodiacal light

Refer from Chest; Diagnosis; Heart; Lungs
Refer from Ballot; Elections

Refer from German literature

Refer from Austria — History; Europe — History — 1492-1789; France — History —

Bourbons; Germany — History — 1740-1815; Italy — History — 1559-1789; Spain — History — 1700-

Bourbons; Germany — History — 1740-1815; Italy — History — 1559-1789; Spain — History — 1700-; War of the Austrian succession (s)

Authority (in religion)

See also Belief; Bible — Evidences and authority; Catholic church — Authority; Faith; Popes — Authority and supremacy

Authors

See also Anonyms; Authorship; Bibliography; Copyright; Dramatists; Essayists; Historians; Humorists; Literature; Naturalists; Novelists; Poets; Pseudonyms; Scientists; Women as authors

—American

See also American literature; Poets, American

Authorship

See also Authors; Book dedication; Collaboration; Copyright; Journalism; Plagiarism; Plots (drama, novel, etc.); Short stories; Versification

Autobiography

Autoboats *see* Motor boats

Autocars *see* Automobiles

Autographs

See also Manuscripts

Automatism

See also Consciousness

Automobile racing

Automobile stories

Automobile touring

Automobiles

See also Automobile racing; Automobile stories; Automobile touring; Garages; Motor cycles; Motors; Speed; Tires

Automobiling *see* Automobile touring; Automobiles

Autopsy

Autosuggestion *see* Suggestion

Autumn

See also Seasons

Autumnal catarrh *see* Hay Fever

Auxiliary schools

See also Children, Abnormal and backward; Defectives

Avalanches

See also Landslides; Mountains

Avarice

See also Egoism; Misers

Avesta

See also Parsees; Zoroastrianism

Aviation *see* Aeronautics

Refer from Belief; Religion; Religious authority (s); Theology

Refer from Authorship; Biography; Dramatists; Essayists; Historians; Humorists; Literary men (s); Literature; Novelists; Poets; Writers (s)

Refer from American authors (s); American literature; U. S. — Biography

Refer from Authors; Copyright; Journalism; Literature; Writing; Writing for the press (s)

Refer from Biography; History; Memoirs (s)

Refer from Biography; Collectors and collecting; Handwriting (s); Signatures (s); Writing

Refer from Animal intelligence; Consciousness; Psychology

Refer from Automobiles; Racing (s); Sports

Refer from Automobiles; Fiction

Refer from Automobiles; Automobiling (s); Motoring (s); Voyages and travels

Refer from Autocars (s); Automobiling (s); Carriages; Cars; Electric carriages (s); Horseless carriages (s); Locomotion; Manufactures; Motor carriages (s); Motor vehicles (s); Motoring (s); Motors; Tires; Transportation; Vehicles

Refer from Anatomy; Death; Dissection; Medical jurisprudence; Medicine; Pathology; Post-mortem examinations (s); Surgery

Refer from Fall (s); Seasons

Refer from Children, Abnormal and backward; Defectives; Education; Schools

Refer from Landslides; Mountains; Snow

Refer from Conduct of life; Covetousness (s); Egoism; Ethics; Misers

Refer from Parsees; Persian literature; Sacred books; Zend-Avesta (s); Zoroastrianism

Aviators *see* Aeronauts

Awards *see* Arbitration and award

Axioms

See also Geometry

Axles

See also Bearings (machinery); Wheels

Azimuth

See also Astronomy, Spherical and practical

Aztecs

See also Indians of Mexico; Mexico — Antiquities; Toltecs

Babies *see* Infants

Babism

See also Mohammedanism

Baby *see* Infants

Babylonian literature *see* Assyro-Babylonian literature

Baccalaureate sermons *see* College sermons

Bachelors

Bachelor's degrees *see* Degrees, Academic

Bacilli *see* Bacteriology; Germ theory of disease

Backbone *see* Spine

Backgammon

Backward children *see* Children, Abnormal and backward

Bacon-Shakespeare controversy *see* Shakespeare, William — Authorship

Bacon's rebellion, 1676

See also U. S. — History — Colonial period; Virginia — History

Bacteria *see* Bacteriology

Bacteriology

See also Dairy bacteriology; Dust; Fermentation; Germ theory of disease; Immunity; Microscope and microscopy; Putrefaction; Soil bacteriology; Water — Analysis

— **Agricultural**

See also Dairy bacteriology; Nitrification; Plants — Diseases; Soil bacteriology; *also* names of crops, subhead Diseases and pests, e.g. Fruit — Diseases and pests

Badges of honor *see* Decorations of honor; Insignia; Medals

Baggage

See also Packing for shipment

Bagpipes

See also Music — Scotland; Wind instruments

Bahaism *see* Babism

Bail

See also Arrest; Guaranties and sureties

Bailments

See also Agency; Baggage; Carriers; Commercial law; Liens; Negligence; Pawnbroking; Warehouses

Bakers and bakeries

See also Baking

Refer from Geometry; Mathematics; Philosophy; Truth

Refer from Wheels

Refer from Astronomy; Astronomy, Spherical and practical; Geodesy

Refer from Indians of Mexico; Mexico — Antiquities; Toltecs

Refer from Bahaism (s); Behaism (s); Mohammedanism; Religions

Refer from Celibacy; Men

Refer from —————

Refer from U. S. — History — Colonial period; Virginia — History

Refer from Bacilli (s); Bacteria (s); Biology; Botany; Contagion and contagious diseases; Disease germs (s); Dust; Fermentation; Fungi; Germ theory of disease; Germs (s); Medicine; Microbes (s); Micro-organisms (s); Microscope and microscopy; Parasites; Pathology; Putrefaction; Water — Analysis

Refer from Agricultural bacteriology (s); Agriculture; Dairy bacteriology; Plants — Diseases; Soil bacteriology; Soils

Refer from Bailments; Carriers; Luggage (s); Railroads — Baggage (s); Travel

Refer from Music — Scotland; Wind instruments

Refer from Arrest; Criminal law; Guaranties and sureties; Law

Refer from Agency; Carriers; Commercial law; Contracts; Guaranties and sureties; Law; Negligence; Pawnbroking; Warehouses

Refer from Baking; Food

Baking

See also Bakers and bakeries; Bread; Cake; Cookery; Ovens; Pastry

Baking powder**Balance of power**

See also Eastern question (Near East); Europe — Politics; International relations

Balance of trade

See also Commerce; Tariff; Tariff question

Baldness

See also Hair

Balkan question *see* Eastern question (Near East)

Ball *see* Baseball; Basket-ball; Cricket; Football; Handball

Ball bearings *see* Bearings (machinery)

Ballads

See also Chapbooks; Folk songs; Legends; Lyric poetry; Poetry; Songs

—American

See also American poetry; Ballads, English; Songs, American

—English

See also Ballads, American; Ballads, Irish; Ballads, Scottish; English poetry; Songs, English

—Irish

See also Ballads, English; Irish poetry; Songs, Irish

—Scottish

See also Ballads, English; Scottish poetry; Songs, Scottish

Ballet

See also Dancing; Pantomime

Ballistics

See also Gunnery; Ordnance; Photocronograph; Projectiles; Shooting

Balloonists *see* Aeronauts

Balloons

See also Aeronautics; Airships

—Dirigible, *see* Airships

Ballot

See also Australian ballot; Elections; Suffrage; Voting machines

Balls (parties)

See also Cotillion; Dancing; Masquerades

Balustrades *see* Railings

Bamboo**Bandages and bandaging**

See also First aid in illness and injury; Surgery

Bandaging *see* Bandages and bandaging

Banditti *see* Brigands and robbers

Bands (music)

See also Conducting (music); Instrumentation and orchestration; Military music; Orchestras; Wind instruments

Refer from Bakers and bakeries; Bread; Cake; Cookery; Ovens; Pastry

Refer from Chemistry, Technical; Cookery

Refer from Eastern question (Near East); Europe — Politics; International relations

Refer from Commerce; Economics; Exchange; Tariff; Tariff question; Trade, Balance of (s)

Refer from Hair; Head

Refer from Carols; Chapbooks; Folk songs; Legends; Literature; Lyric poetry; Poetry; Songs

Refer from American ballads (s); American literature; American poetry; American songs (s); Ballads, English; Songs, American

Refer from Ballads, American; Ballads, Irish; Ballads, Scottish; English ballads (s); English literature; English poetry; English songs (s); Songs, English

Refer from Ballads, English; Irish ballads (s); Irish literature; Irish poetry; Irish songs (s); Songs, Irish

Refer from Ballads, English; Scotch ballads (s); Scottish ballads (s); Scottish literature; Scottish poetry; Scottish songs (s); Songs, Scottish

Refer from Dancing; Pantomime; Theater

Refer from Gunnery; Ordnance; Photocronograph; Projectiles; Shooting

Refer from Aeronautics; Airships

Refer from Elections; Government; Politics; Short ballot (s); Suffrage; Voting (s)

Refer from Amusements; Cotillion; Dancing; Entertaining; Masquerades; Parties (s)

Refer from Furniture; Grasses; Woodwork

Refer from Bandaging (s); First aid in illness and injury; Surgery

Refer from Conducting (music); Instrumental music; Military music; Music; Orchestras; Wind instruments

Bandy *see* Hockey
Banishment *see* Exile; Penal colonies
Bank deposit guaranty *see* Banks and banking
— Guaranty of deposits

Bank notes

See also Banks and banking; Counterfeits; Legal tender; Paper money

Refer from Banks and banking; Counterfeits; Engraving; Money; National bank notes (s); National banks; Paper money

Refer from Banks and banking; Biography

Bankers

Banking *see* Banks and banking

Bankruptcy

See also Assignments; Commercial law; Debt; Receivers

Refer from Assignments; Commerce; Commercial law; Corporations; Debt; Failure (in business) (s); Finance; Insolvency (s); Law; Partnership; Receivers

Banks and banking

See also Agricultural credit; Bank notes; Bankers; Building and loan associations; Checks; Clearing houses; Credit; Discount; Economics; Exchange; Finance; Foreign exchange; Interest; Land banks; Money; National banks; Pawnbroking; Postal savings banks; Savings banks; School savings banks; Stock exchange; Stocks; Trust companies; Vaults; *also* names of cities, subhead Banks

Refer from Agricultural banks (s); Bank notes; Banking (s); Bills of credit (s); Bills of exchange (s); Bimetallism; Capital; Checks; Clearing houses; Commerce; Credit; Discount; Economics; Finance; Government banking (s); Interest; Investments; Land banks; Money; National banks; Paper money; Savings banks; Stock exchange; Trust companies; Wealth

—Guaranty of deposits

Refer from Bank deposit guaranty (s); Guaranty of bank deposits (s)

—Law

Refer from Commercial law

—U. S.

See also National banks

Refer from Money — U. S.; National banks; State banks (s); U. S. — Banks (s)

Banners *see* Flags

Banquets *see* Dinners and dining

Baptism

See also Baptismal fonts; Baptists; Close communion; Jesus Christ — Baptism; Regeneration (theology); Sacraments

Refer from Baptists; Christening (s); Christian antiquities; Church membership; Church polity; Immersion, Baptismal (s); Regeneration (theology); Rites and ceremonies; Sacraments; Theology

—Infants

See also Infant salvation; Predestination

Refer from Infant baptism (s); Infant salvation

Baptismal fonts

See also Church furniture

Refer from Baptism; Church furniture; Fonts (s)

Baptists

See also Anabaptists; Baptism; Close communion; Congregationalism; German Baptist brethren; Mennonites; Seventh-day Baptists

Refer from Anabaptists; Baptism; Close communion; Congregationalism; Sects

Bar *see* Lawyers

Barbarian invasions of Rome

See also Goths; Huns; Italy — History — To 1559; Migration of nations; Rome — History — Empire; Vandals

Refer from Goths; Huns; Italy — History — To 1559; Invasions of Rome, Barbarian (s); Migration of nations; Rome — History — Empire; Vandals

Barbary corsairs *see* Pirates

Barbed wire *see* Fence wire

Barbizon school

See also Painting, French

Refer from Landscape painting; Painting, French

Bards

See also Celtic literature; Meistersingers; Minnesingers; Minstrels; Troubadours; Trouvères

Refer from Celtic literature; Minstrels; Poetry; Poets

Bark

See also Botany, Structural; Trees; Wood

Barley

See also Grain

Barns and stables

See also Farm buildings; Garages; Horse

Barometer

See also Meteorological instruments

Baronage *see* Peerage

Baronetage *see* Peerage

Barons' war, 1263-1267

See also England — History — Plantagenets

Barracks

See also Military architecture

Barrels *see* Cooperage

Barristers *see* Lawyers

Barrows *see* Mounds and mound builders

Bartholomew, St., Massacre of, *see* St. Bartholomew's day, Massacre of

Bas-relief

See also Carving (art industries); Sarcophagi; Sculpture; Wood carving

Baseball

See also College athletics

Basilicas

See also Architecture; Church architecture

Basket-ball

See also College athletics

Basket making *see* Basketwork

Basketry *see* Basketwork

Basketwork

See also Indians — Industries

Basques

Bat *see* Bats

Bathing *see* Baths and bathing

Baths, Public**Baths and bathing**

See also Baths, Public; Diving; Hydrotherapy; Swimming

Batrachia *see* Amphibia

Bats

See also Mammals

Batteries (electric) *see* Electric batteries;

Storage batteries

Batteries (military) *see* Artillery

Battle, Wager of, *see* Wager of battle

Battle cries

Battle-ships *see* Warships

Battle-songs *see* War songs

Battlefield relief

See also First aid in illness and injury; Hospitals, Military; Medicine, Military; Military hygiene; Red cross; Surgery, Military

Refer from Botany, Structural; Trees; Wood

Refer from Grain

Refer from Architecture; Cattle; Domestic animals; Farm buildings; Horse; Live stock; Stables (s)

Refer from Air; Aneroid barometer (s); Meteorological instruments; Physics; Surveying instruments

Refer from England — History — Plantagenets

Refer from Military architecture

Refer from Carving (art industries); Decoration and ornament; Sculpture

Refer from Ball (s); College athletics; Games; School athletics

Refer from Architecture; Church architecture

Refer from Ball (s); College athletics; Games; School athletics

Refer from Arts and crafts; Basket making (s); Basketry (s); Domestic arts; Indians — Industries; Manual training; Weaving

Refer from Ethnology — France; Ethnology — Spain; France — History

Refer from Architecture; Baths and bathing; Municipal improvement; Public baths (s)

Refer from Archaeology; Bathing (s); Cleanliness; Hydrotherapy; Hygiene; Sea bathing (s); Seashore; Swimming; Therapeutics; Toilet; Turkish baths (s); Water

Refer from Bat (s); Chiroptera (s); Chiroptera (s); Mammals

Refer from Cries (s); War cries (s); Yells

Refer from First aid in illness and injury; Hospitals, Military; Medicine, Military; Military hygiene; Red cross; Relief work (s); Surgery, Military

Battles

See also Imaginary wars and battles; Massacres; Military history; Naval battles; Sieges; *also* names of battles, e.g. Gettysburg, Battle of; Waterloo, Battle of; and names of generals, wars, etc.

Battleships *see* Warships

Bayeux tapestry**Bayonets**

See also Arms and armor

Bays and gulfs**Beaches**

See also Dunes; Physical geography; Seashore

Beacons

See also Lighthouses

Beads

See also Beadwork; Rosary; Wampum

Beadwork

See also Beads; Indians — Industries

Beams *see* Girders

Bear *see* Bears

Bearing reins *see* Checkreins

Bearings (machinery)

See also Friction; Lubrication and lubricants; Machine design

Bears

See also Carnivora

Beasts *see* Animals; Bestiaries; Domestic animals; Zoology

Beasts of prey *see* Carnivora

Beattitudes

See also Bible — New Testament — Matthew; Sermon on the mount

Beautiful, The, *see* Esthetics

Beauty *see* Beauty, Personal; Esthetics

Beauty, Personal

See also Cosmetics; Costume; Hair; Hand; Skin; Teeth; Toilet

Beaux *see* Dandies

Becquerel rays *see* Radioactivity

Bedouins

See also Arabia; Arabs; Nomads

Beds

See also Furniture

Bee *see* Bees

Beef

See also Meat; Packing industry

Beer

See also Ale; Brewing; Liquors; Malt

Bees

See also Honey; Hymenoptera; Wax

Beet *see* Beets and beet sugar

Beet sugar *see* Beets and beet sugar

Beetles

See also Insects; Scarabs; Weevils

Beets and beet sugar

See also Sugar; Vegetables

Refer from History; Military art and science; Military history; Naval battles; Sieges; War

Refer from Tapestry

Refer from Arms and armor; Guns

Refer from Gulfs (s); Physical geography

Refer from Geology; Physical geography; Seashore

Refer from Life-saving; Lighthouses; Navigation; Signals

Refer from Beadwork; Jewelry

Refer from Arts and crafts; Beads; Fancy work; Indians — Industries; Needlework; Weaving

Refer from Axles; Ball bearings (s); Friction; Journals (machinery) (s); Lubrication and lubricants; Machine design; Machinery

Refer from Bear (s); Carnivora; Hunting; Ursidae (s)

Refer from Bible; Bible — New Testament — Matthew; Sermon on the mount

Refer from Beauty (s); Complexion (s); Cosmetics; Face; Hygiene; Personal beauty (s); Toilet; Women

Refer from Arabia; Arabs; Nomads

Refer from Furniture

Refer from Cattle; Meat; Packing industry

Refer from Ale; Brewing; Liquors; Malt

Refer from Agriculture; Apiaries (s); Apiculture (s); Bee (s); Honey; Hymenoptera

Refer from Coleoptera (s); Insects; Insects, Injurious and beneficial; Weevils

Refer from Beet (s); Beet sugar (s); Sugar; Sugar beet (s); Vegetables

Begging

See also Charity; Poor; Tramps
Behaism *see* Babism

Behavior *see* Conduct of life; Etiquet

Being

See also Metaphysics; Reality

Belgian hares

See also Hares

Belief

See also Agnosticism; Authority (in religion); Certainty; Creeds; Faith; Rationalism; Religions; Sects; Skepticism; Truth

Bell buoys *see* Buoys

Bell founding *see* Bells

Belles-lettres *see* Literature

Bells

See also Chimes and chiming; Electric bells

Belting

See also Machine design; Power transmission; Pulleys; Rope driving; Shafting

Benedictines

See also Cistercians; Monasticism

Benefit of clergy**Benefit societies**

See also Building and loan associations; Insurance, Industrial; Insurance, Life; Labor unions; Odd Fellows; Secret societies

Benevolence *see* Altruism; Charity; Philanthropy; Poor

Benevolent societies *see* Benefit societies; Charitable societies

Bengali language

See also Indo-Aryan languages

Bequests *see* Gifts; Inheritance; Legacies; Wills

Berbers

See also Barbary States; Hamites

Berries

See also Fruit; *also* names of berries, e.g. Strawberries

Bertillon system

See also Anthropometry; Finger prints; Identification

Bessemer process

See also Steel

Best books *see* Books and reading — Best books

Bestiaries

See also Animal lore

Béton *see* Concrete

Betterment, Industrial, *see* Industrial betterment

Refer from Mendicity (s); Poor; Tramps

Refer from Infinite; Metaphysics; Ontology (s); Philosophy; Reality

Refer from Hares; Rabbits

Refer from Authority (in religion); Certainty; Conviction (s); Doubt (s); Faith; Intellect; Knowledge; Metaphysics; Opinion (s); Philosophy; Psychology; Religion; Religious belief (s); Theology; Truth

Refer from Archaeology; Bell founding (s); Campanology (s); Chimes and chiming; Church bells (s); Ringing (s)

Refer from Chain belting (s); Machine design; Machinery; Power transmission; Pulleys; Rope driving; Shafting

Refer from Cistercians; Monasticism

Refer from Church law; Church polity; Clergy; Law

Refer from Benevolent societies (s); Building and loan associations; Cooperation; Fraternal insurance (s); Fraternities, Benevolent (s); Friendly societies (s); Insurance; Insurance, Fraternal (s); Insurance, Industrial; Insurance, Life; Labor and laboring classes; Labor unions; Mutual aid societies (s); Mutual benefit societies (s); Secret societies; Societies; Thrift

Refer from Indo-Aryan languages

Refer from Barbary States; Ethnology — Africa; Hamites

Refer from Fruit; Small fruit (s); Strawberries

Refer from Anthropometry; Crime and criminals; Finger prints; Identification

Refer from Steel

Refer from Animal lore; Beasts (s); Fables; Literature

Betterments *see* Real estate; Single tax;
Unearned increment

Betting

See also Gambling; Probabilities

Bevel gearing *see* Gearing

Beverages

See also Chocolate; Cider; Cocoa; Coffee;
Drinking customs; Food; Liquors, and names
of liquors; Milk; Mineral waters; Stimu-
lants; Tea; Temperance; Water

Bezique

See also Cards

Bhang *see* Hashish

Bible

Text, arranged alphabetically by lan-
guage, the English translations arranged
chronologically

—**Selections** [from both Old and New
Testaments]

Bible [as subject]

See also Angels; Apostles; Beatitudes;
Bible and science; Bible in the schools;
Bible societies; Christianity; Church history;
Commandments; Creation; Deluge; Fall
of man; God; Jesus Christ; Jews; Lord's
prayer; Miracles; Parables; Patriarchs;
Prophets; Religion and science; Revelation;
Saints; Sermon on the mount; Theology

—**Animals**, *see* Bible — Natural history

—**Antiquities**

See also Bible — History; Christian
antiquities; Jews — Antiquities; Pale-
stine — Antiquities

—**Astronomy**

—**Authenticity**, *see* Bible — Evidences and
authority

—**Authorship**, *see* Bible — Evidences and
authority

—**Bibliography**

See also Bible — Manuscripts; Bible —
Versions

—**Biography**

See also Bible — History; Saints

—**Birds**, *see* Bible — Natural history

—**Botany**, *see* Bible — Natural history

—**Canon**

See also Bible — Evidences and au-
thority; Bible — Inspiration

—**Catechisms**, *see* Bible — Question books;
Catechisms

—**Chronology**

See also Bible — History

—**Coins**, *see* Bible — Numismatics

—**Colportage**, *see* Bible — Publication and
distribution

—**Commentaries** [with or without text.

Commentaries with text should be
entered also with texts of the Bible]

See also Bible — Criticism and inter-
pretation; *also* names of separate books
and parts of the Bible

Refer from Book-making (betting) (s);
Bookmaking (betting) (s); Gambling; Sports;
Wagers (s)

Refer from Chocolate; Cider; Cocoa; Coffee;
Diet; Drinks (s); Food; Liquors; Manufac-
tures; Mineral waters; Stimulants; Tea; Tem-
perance

Refer from Cards

Refer from Christianity; Church history;
God; Holy Scriptures (s); Jesus Christ;
Jewish literature; Jews; Religion; Revelation;
Sacred books; Scriptures (s); Theology

Refer from Archaeology; Bible — History;
Biblical archaeology (s); Christian antiquities;
Jews — Antiquities; Palestine — Antiquities

Refer from Astronomy; Bible — Science

Refer from Bible — History; Biography;
Saints

Refer from Bible — Criticism and inter-
pretation; Bible — Evidences and authority;
Bible — Inspiration; Canon (Bible) (s)

Refer from Bible — History; Chronology,
Biblical (s); Chronology, Historical

Refer from Bible — Criticism and inter-
pretation; Commentaries (s)

Bible — Continued

— **Concordances**

— **Credibility**, *see* Bible — Evidences and authority

— **Criticism and interpretation**

See also Bible — Canon; Bible — Commentaries; Bible — Evidences and authority; Modernism

— **Dictionaries**

— **Distribution**, *see* Bible — Publication and distribution

— **Editions**, *see* Bible — Versions

— **Ethnology**

See also Hittites; Jews — Ethnology; Jews — Lost tribes

— **Evidences and authority**

See also Bible — Canon; Bible — Inspiration; Christianity — Evidences

— **Geography**

See also Palestine — Description and travel

— **Hermeneutics**, *see* Bible — Criticism and interpretation

— **Higher criticism**, *see* Bible — Criticism and interpretation

— **History**

See also Bible — Antiquities; Bible — Biography; Bible — Chronology; Bible — Stories; Bible — Old Testament — Historical books; Jews — History; Palestine — History. For history of editions and versions *see* Bible — Versions

— **Illustrations**, *see* Bible — Pictorial illustrations

— **Inspiration**

See also Bible — Canon; Bible — Evidences and authority

— **Interpretation**, *see* Bible — Criticism and interpretation

— **Introductions**

— **Language, style, etc.**, *see* Bible — Literary character

— **Literary character**

— **Literary history**, *see* Bible — Versions

— **Manuscripts**

— **Medicine, hygiene, etc.**

— **Miscellaneous**

— **Money**, *see* Bible — Numismatics

— **Music**

See also Music — Jews

— **Natural history**

— **Numismatics**

Refer from Concordances (s)

Refer from Bible — Commentaries; Bible — Hermeneutics (s); Bible — Higher criticism (s); Bible — Interpretation (s); Bible — Textual criticism (s); Criticism; Exegesis (s); Hermeneutics (s); Higher criticism (s)

Refer from Ethnology; Jews — Ethnology

Refer from Authority (in religion); Bible — Authenticity (s); Bible — Authorship (s); Bible — Canon; Bible — Credibility (s); Bible — Criticism and interpretation; Bible — Inspiration; Christianity — Evidences; Evidences of the Bible (s)

Refer from Atlases; Geography, Ancient; Geography, Biblical (s); Palestine — Description and travel

Refer from Bible — Antiquities; Bible — Biography; Bible — Chronology; History, Ancient; Jews — History; Palestine — History; Sacred history (s)

Refer from Bible — Canon; Bible — Evidences and authority; Inspiration

Refer from Bible — Language, style, etc. (s); Bible — Poetry (s); Bible as literature (s); Literature

Refer from Bible — Bibliography; Bible — Versions

Refer from Hygiene; Medicine

Refer from Church music; Music; Music — Jews

Refer from Bible — Animals (s); Bible — Birds (s); Bible — Botany (s); Bible — Science; Botany of the Bible (s); Natural history

Refer from Bible — Coins (s); Bible — Money (s); Numismatics

Bible — Continued

—Paraphrases

—Pictorial illustrations

See also Names of Bible characters and Biblical subjects, e.g. Jesus Christ in art

—Poetry *see* Bible — Old Testament — Poetical books; Bible — Literary character

—Prophecies

See also Bible — Old Testament — Prophetical books; Prophets

—Psychology

—Publication and distribution

See also Bible societies

—Question books

See also Catechisms

—Revision

See also Bible — Versions

—Science

See also Bible — Astronomy; Bible — Natural history

—Stories

—Study and teaching

See also Sunday school lessons; Sunday schools

—Textual criticism, *see* Bible — Criticism and interpretation

—Theology, *see* Theology

—Translations, *see* Bible — Versions

—Versions

See also Bible — Manuscripts; Bible — Revision

Bible — Old Testament

Subdivided like the Bible. The books are arranged here in canonical order, in accordance with the A. L. A. rule. Alphabetical arrangement under Bible — Old Testament and Bible — New Testament may be adopted by libraries which find it more convenient. Reference should be made from the name of each book in the main alphabet

See also Talmud

—Historical books

—Octateuch

—Hexateuch

—Pentateuch

—Poetical books

—Prophetical books

—Genesis

See also Creation; Deluge; Eden; Fall of man; Patriarchs

—Exodus

See also Commandments

Refer from Bible — Illustrations (s); Christian art and symbolism

Refer from Prophecies; Prophets

Refer from Biblical psychology (s); Psychology, Biblical (s)

Refer from Bible — Colportage (s); Bible — Distribution (s); Bible houses (s); Bible societies; Colportage (s); Missions; Tract societies

Refer from Bible — Catechisms (s); Catechisms; Sunday school lessons

Refer from Bible — Versions; Revision of the Bible (s)

Refer from Bible — History; Bible stories (s)

Refer from Bible classes (s); Bible study (s); Religious education · Sunday school lessons; Sunday schools

Refer from Bible — Bibliography; Bible — Editions (s); Bible — History; Bible — Literary history (s); Bible — Revision; Bible — Translations (s)

Refer from Hebrew literature; Jews — Religion; Old Testament (s)

Refer from Bible — History

Refer from Octateuch (s)

Refer from Hexateuch (s)

Refer from Pentateuch (s)

Refer from Bible — Poetry (s); Hebrew poetry

Refer from Bible — Prophecies

Refer from Creation; Deluge; Eden; Fall of man; Patriarchs

Refer from Commandments

Bible — Old Testament — Continued

— Leviticus

See also Mosaic law

— Numbers

— Deuteronomy

See also Mosaic law

— Joshua

— Judges

— Ruth

— Samuel 1, 2

— Kings 1, 2

— Chronicles 1, 2

— Ezra

— Nehemiah

— Esther

— Job

— Psalms

— Proverbs

— Ecclesiastes

— Song of Solomon

— Isaiah

— Jeremiah

— Lamentations

— Ezekiel

— Daniel

— Hosea

— Joel

— Amos

— Obadiah

— Jonah

— Micah

— Nahum

— Habakkuk

— Zephaniah

— Haggai

— Zechariah

— Malachi

— Apocrypha

— Esdras

— Tobit

— Judith

— Wisdom of Solomon

— Ecclesiasticus

— Baruch

— Song of the three children

— Susanna

— Bel and the dragon

— Prayer of Manasses

— Maccabees 1, 2, 3, 4

— Other apocryphal books in alphabetic order, as: Adam, Enoch, Jasher

Bible — New Testament [see note under Old Testament]

See also Apostles; Church history —

Early church — Apostolic; Jesus Christ

— Gospels

See also Jesus Christ; Jesus Christ —

Teaching; Parables

— Harmonies

— Epistles

— Matthew

See also Beatitudes; Lord's prayer;

Sermon on the mount

— Mark

— Luke

See also Lord's prayer

Refer from Mosaic law

Refer from Mosaic law

Refer from Psalmody (s); Psalter (s)

Refer from Proverbs

Refer from Canticles (s)

Refer from Apocrypha (s)

Refer from Apostles; Church history —
Early church — Apostolic; Evangelists (s);
Jesus Christ; New Testament (s)

Refer from Gospels (s); Jesus Christ —
Teaching; Parables; Synoptic Gospels (s)

Refer from Harmony of the Gospels (s)

Refer from Pauline epistles (s)

Refer from Beatitudes; Lord's prayer;
Sermon on the mount

Refer from Lord's prayer

Bible—New Testament—Continued

——John
——Acts
——Romans
——Corinthians 1, 2
——Galatians
——Ephesians
——Philippians
——Colossians
——Thessalonians 1, 2
——Timothy 1, 2
——Titus
——Philemon
——Hebrews
——James
——Peter 1, 2
——Epistles of John
——Jude
——Revelation

See also Apocalyptic literature

——**Apocryphal books**

See also Apostolic constitutions

Bible and science

See also Religion and science

Bible as literature *see* Bible — Literary character

Bible classes *see* Bible — Study and teaching; Sunday schools

Bible houses *see* Bible — Publication and distribution

Bible in the schools

See also Church and education; Public schools and religion

Bible societies

See also Bible — Publication and distribution

Bible stories *see* Bible — Stories

Bible study *see* Bible — Study and teaching

Biblical archaeology *see* Bible — Antiquities

Biblical psychology *see* Bible — Psychology

Biblical theology *see* Theology

Bibliography

See also Anonyms; Archives; Block books; Book collecting; Book rarities; Bookbinding; Bookplates; Books; Books and reading; Cataloging; Catalogs; Catalogs, Library; Classification; Errors and blunders; Literary; Incunabula; Indexes; Indexing; Libraries; Literature; Manuscripts; Periodicals — Indexes; Pseudonyms; Reference books; Titles of books; *also* names of literatures, as American literature, and names of persons, places and subjects, subhead Bibliography

——Best books, *see* Books and reading — Best books

——Rare books, *see* Book rarities

Ribliomania *see* Book collecting

Bibliophily *see* Book collecting

Bicycles and tricycles

See also Cycling; Motor cycles; Tires

Refer from Apocalypse (s); Apocalyptic literature

Refer from Apocryphal books (New Testament) (s); Church history — Early church

Refer from Bible; Geology and the Bible (s); Religion and science; Science and the Bible (s)

Refer from Bible; Church and education; Education; Public schools; Public schools and religion; Religious education

Refer from Bible; Bible — Publication and distribution; Societies

Refer from Authors; Books; Books and reading; Catalogs; Catalogs, Library; Libraries; Library science; Literary history (s); Literature

Refer from Cycling; Tricycles (s); Velcipedes (s)

Bicycling *see* Cycling
Big game *see* Game; Hunting
Bill-boards *see* Billposting
Bill-posting *see* Billposting
Billboards *see* Billposting

Billiards

Billposting

See also Advertising; Posters

Bills of credit *see* Banks and banking; Credit;
Money; Paper money
Bills of exchange *see* Banks and banking;
Credit; Exchange; Money; Paper money
Bills of fare *see* Menus

Bimetallism

See also Banks and banking; Coinage;
Finance; Gold (as money); Money; Precious
metals; Silver (as money)

Binders *see* Harvesting machinery

Binding *see* Bookbinding

Biograph *see* Moving pictures

Biography

See also Abolitionists; Actors; Aeronauts;
Anecdotes; Archaeologists; Architects;
Artists; Authors; Autobiography; Auto-
graphs; Bankers; Bible — Biography; Book-
sellers and bookselling; Brigands and rob-
bers; Capitalists and financiers; Chancellors,
Lord; Chief justices; Christian biography;
Classical biography; Clergy — Biography;
Conjurors; Crime and criminals; Dentists;
Diplomatic memoirs; Diplomats; Educa-
tors; Electricians; Emperors; Engineers;
Engravers; Epitaphs; Executioners; Ex-
plorers; Genealogy; Governors; Heraldry;
Hermits; Heroes; Historians; History;
Humorists; Indians — Biography; Inven-
tors; Judges; Kings and rulers; Lawyers;
Librarians; Loyalists, American; Manufac-
turers; Mechanics (persons); Merchants;
Military biography; Millionaires; Ministers
of state; Musicians; Naturalists; Naval
biography; Obituaries; Orators; Peerage;
Pharmacists; Philanthropists; Philoso-
phers; Physicians and surgeons; Pilgrim
fathers; Popes — Biography; Portraits;
Presidents; Princes and princesses; Printers;
Prophets; Queens and empresses; Reform-
ers; Regicides; Scientists; Shoemakers;
Statesmen; Table-talk; Tailors; Teachers;
Thieves; Travelers; Women — Biography;
also names of countries and cities, subhead
Biography

Biological chemistry *see* Physiological chem-
istry

Biological laboratories

Biology

See also Acclimatization; Adaptation
(biology); Anatomy; Bacteriology; Bio-
logical laboratories; Botany; Cells; Color
of animals; Color of plants; Death; Ecology;
Electrophysiology; Embryology; Enzymes;
Evolution; Heredity; Hermaphroditism;
Hybridization; Hygiene; Irritability; Kar-
yokinesis; Life — Origin; Longevity; Marine

Refer from Games

Refer from Advertising; Bill-boards (s);
Bill-posting (s); Billboards (s); Municipal
improvement; Posters

Refer from Coinage; Finance; Gold (as
money); Joint standard (s); Money; Silver
(as money)

Refer from Contemporaries (s); Genealogy;
History; Lives (s); Memoirs (s)

Refer from Biology; Laboratories

Refer from Botany; Cells; Death; Embry-
ology; Evolution; Heredity; Life; Life —
Origin; Morphology; Natural history; Philos-
ophy; Physiology; Protoplasm; Regeneration
(biology); Reproduction; Science; Zoology

biology; Metabolism; Microscope and microscopy; Mimicry (biology); Morphology; Natural history; Parasites; Parthenogenesis; Physiology; Plankton; Protoplasm; Regeneration (biology); Reproduction; Sex; Species; Spontaneous generation; Variation (biology); Vitalism; Zoology

Biomagnetism *see* Animal magnetism

Bionomics *see* Ecology

Bioplasm *see* Protoplasm

Biplanes *see* Aeroplanes

Bird day

Bird-song *see* Birds — Song

Birds

See also Bird day; Birds' eggs; Cage birds; Falconry; Feathers; Flight; Game birds; Nests; Poultry; Taxidermy; Vertebrates; Water birds; Wings; *also* names of birds, e. g. Canaries, Eagles, Ostriches, Parrots, Pigeons, Robins, Sparrows

— **Fossil**

— **Migration**

See also Animals — Migration

— **Protection**

See also Audubon societies; Game laws; Game protection

— **Song**

— **Stories**

— **U. S.**

— **Useful and injurious**

Birds and agriculture *see* Birds, Useful and injurious

Birds' eggs

See also Birds

Birds' nests *see* Nests

Birth rate

See also Vital statistics

Birth records *see* Vital records

Birth stones

Birthday books

Birthdays

See also Anniversaries; Birthday books

Bishops

See also Apostolic succession; Archbishops; Catholic church — Clergy; Church of England — Clergy; Church polity; Episcopacy; Methodist Episcopal church — Clergy; Ordination; Protestant Episcopal church in the U. S. — Clergy

Bison

See also Ungulata

Bites, Venomous, *see* Venom

Bitumen *see* Asphalt

Bituminous coal *see* Coal

Bivalves

See also Mollusks; Oysters

Black art *see* Witchcraft

Refer from Birds; Holidays

Refer from Animals; Birds' eggs; Canaries; Eagles; Flight; Nature study; Nests; Ornithology (s); Ostriches; Parrots; Pigeons; Robins; Sparrows; Vertebrates; Water birds; Wings; Zoology

Refer from Paleontology

Refer from Animals — Migration; Migration of birds (s)

Refer from Protection of birds (s)

Refer from Bird-song (s); Song of birds (s)

Refer from Animals — Stories

Refer from U. S. — Birds (s); U. S. — Ornithology (s); Zoology — U. S.

Refer from Agricultural pests; Agriculture; Birds and agriculture (s); Zoology, Economic

Refer from Birds; Eggs; Nests; Oology (s)

Refer from Children; Population; Vital statistics

Refer from Charms; Natal stones (s); Precious stones

Refer from Birthdays

Refer from Anniversaries; Days

Refer from Apostolic succession; Archbishops; Catholic church — Biography; Catholic church — Clergy; Christian biography; Church of England — Biography; Church of England — Clergy; Episcopacy; Methodist Episcopal church; Protestant Episcopal church in the U. S. — Clergy.

Refer from Buffalo, American (s); Ungulata

Refer from Acephala (s); Lamellibranchiata (s); Mollusks; Oysters

Black death

See also London — Epidemics; Plague

Black Hawk war, 1832

See also Illinois — History; Indians — Wars; U. S. — History — 1815-1861

Black lead *see* Graphite

Blackfoot Indians

See also Algonquian Indians

Blacking**Blacklisting**

See also Boycott; Employers' associations

Blacksmithing

See also Forging; Horseshoeing; Ironwork; Welding

Blankets

See also Indians — Industries

Blast furnaces

See also Blowing engines; Cast iron; Cupola furnaces; Slag

Blasting

See also Explosives; Mines, Military; Mining engineering; Quarries and quarrying

Bleaching

See also Cleaning; Drying; Dyes and dyeing

Bleeding *see* Bloodletting; Hemorrhage

Blind

See also Color blindness; Defectives

—Asylums and education**—Books for the**

Blindness *see* Blind

Blizzards *see* Storms

Block books

See also Printing; Wood engraving

Block signal system *see* Railroads — Signals

Blockade

See also International law; Neutrality

Blood

See also Arteries; Blood vessels; Bloodletting; Heart; Hemorrhage; Physiological chemistry; Physiology; Sphygmograph; Veins

Blood vessels

See also Arteries; Blood; Heart; Vascular system; Veins

Bloodletting

See also Cupping

Blowers *see* Fans, Mechanical

Blowing engines

See also Blast furnaces

Refer from Contagion and contagious diseases; England — History — Plantagenets; Epidemics; London — Epidemics; Medicine — Practice; Plague

Refer from Illinois — History; Indians — Wars; U. S. — History — 1815-1861

Refer from Algonquian Indians

Refer from Boots and shoes; Leather

Refer from Boycott; Employers' associations; Labor laws; Labor unions; Strikes and lockouts

Refer from Forge work (s); Forging; Horseshoeing; Industrial arts; Ironwork

Refer from Indians — Industries; Textile industry and fabrics; Weaving

Refer from Blowing engines; Furnaces; Iron; Metallurgy; Slag; Smelting; Tuyeres (s)

Refer from Civil engineering; Engineering; Explosives; Mines, Military; Mining engineering; Quarries and quarrying; Stone; Tunnels

Refer from Cleaning; Dyes and dyeing; Textile industry and fabrics

Refer from Blindness (s); Defectives; Eye; Eye — Diseases and defects; Sight

Refer from Asylums; Charities; Charities, Medical; Education; Homes (institutions) (s)

Refer from Books for the blind (s)

Refer from Bibliography; Books; Incunabula; Printing; Wood engraving; Xylography (s)

Refer from International law; Naval art and science; Neutrality; War

Refer from Arteries; Blood vessels; Circulation of the blood (s); Hæmatology (s); Heart; Hematology (s); Pathology; Physiological chemistry; Physiology; Vascular system; Veins

Refer from Arteries; Blood; Heart; Vascular system; Veins

Refer from Bleeding (s); Blood; Cupping; Hemorrhage; Phlebotomy (s); Surgery; Therapeutics; Venesection (s)

Refer from Blast furnaces; Engines; Mechanical draft

Blowpipe

See also Assaying; Chemistry — Analysis; Mineralogy; Welding

Blue glass cure *see* Phototherapy

Blue language *see* Bolak

Blue laws

Blue prints

See also Photography — Printing processes

Blunders

See also Anecdotes; Errors, Popular; Errors and blunders, Literary

Boarding schools *see* Private schools

Boards of health *see* Health boards

Boards of trade

See also under names of cities

Boat building *see* Boats and boating; Shipbuilding; Yachts and yachting

Boating *see* Boats and boating

Boats and boating

See also Aquatic sports; Canal boats; Canoes and canoeing; Fire boats; House boats; Ice boats; Lifeboats; Motor boats; Navigation; Rowing; Sailing; Ships; Skipjacks; Steam launches; Submarine boats; Torpedo boats; Yachts and yachting

Body, Human, *see* Anatomy; Physiology

Body and mind *see* Mind and body

Boer war, 1899-1902, *see* South African war, 1899-1902

Boers

See also South African war, 1899-1902; Transvaal

Bog fuel *see* Briquets; Peat

Bogs *see* Marshes

Bohemian brethren *see* Moravians

Bohemian language

See also Slavic languages

Bohemian literature

See also Slavic literature

Bohemianism

Bohemians in the U. S.

See also Slavs in the U. S.

Boiler explosions

Boiler scale

See also Feed water

Boiler tests *see* Boilers — Testing

Boilers

See also Boiler explosions; Boiler scale; Feed water; Fuel; Injectors; Safety valves; Steam; Steam engines

—Marine

See also Marine engineering; Marine engines

—Testing

Refer from Analysis (chemistry) (s); Assaying; Chemical apparatus; Chemistry — Analysis; Metals; Mineralogy; Welding

Refer from Connecticut — Law; Law; Puritans

Refer from Architectural drawing; Cyanotype (s); Photography; Photography — Printing processes

Refer from Anecdotes; Errors, Popular; Errors and blunders, Literary; Mistakes (s)

Refer from Business; Chambers of commerce (s); Commerce; Trade, Boards of (s)

Refer from Aquatic Sports; Boat building (s); Boating (s); Canoes and canoeing; Locomotion; Navigation; Rowing; Sailing; Shipbuilding; Ships; Sports; Yachts and yachting

Refer from Transvaal

Refer from Czechic language (s); Slavic languages

Refer from Czechic literature (s); Slavic literature

Refer from Artists; City life; Manners and customs

Refer from Slavs in the U. S.; U. S.— Foreign population

Refer from Accidents; Boilers; Explosions

Refer from Boilers; Chemistry, Technical; Feed water; Pipe

Refer from Feed water; Furnaces; Heating; Injectors; Mechanical engineering; Power plants, Steam; Safety valves; Steam; Steam boilers (s); Steam engines

Refer from Marine boilers (s); Marine engineering; Marine engines; Naval boilers (s); Steam navigation; Steamboats

Refer from Boiler tests (s); Testing (s)

Boiling points

See also Chemistry, Physical; Distillation

Bolak

Refer from Chemistry, Physical; Heat; Liquids; Solution (chemistry); Temperature

Refer from Blue language (s); Language, Artificial; Langue bleue (s)

Boll weevil

See also Cotton — Diseases and pests

Refer from Cotton — Diseases and pests; Cotton-boll weevil (s); Mexican boll weevil (s); Mexican cotton-boll weevil (s); Weevils

Bolts and nuts

See also Machine design

Refer from Hardware; Machine design; Nuts (machinery) (s)

Bond servants *see* Indentured servants

Bonding companies *see* Guaranties and sureties

Bonds

See also Corporations; Debts, Public; Finance; Guaranties and sureties; Investments; Securities; Stocks

Refer from Contracts; Corporations; Finance; Guaranties and sureties; Investments; Municipal bonds (s); Municipal finance; Negotiable instruments; Securities; Stocks

Bone black *see* Animal charcoal

Bone implements

See also Indians — Implements and weapons

Refer from Implements, utensils, etc.: Indians — Implements and weapons; Tools

Bone products

See also Animal charcoal; Animal products; Glue; Phosphates

Refer from Animal charcoal; Animal products; Bones; Glue; Phosphates

Bones

See also Anatomy; Bone products; Dislocations; Fractures; Joints; Skeleton; Skull; Spine

Refer from Anatomy; Dislocations; Fractures; Osteology (s); Skeleton; Surgery

—Diseases*

Book auctions *see* Book prices; Booksellers and bookselling

Refer from Medicine — Practice

Book clubs

Refer from Clubs; Libraries

Book collecting

See also Book rarities; Bookplates; Libraries, Private

Refer from Bibliography; Bibliomania (s); Bibliophily (s); Book rarities; Collectors and collecting; Libraries; Libraries, Private

Book covers

See also Bookbinding; Design, Decorative

Refer from Bookbinding; Cover design (s); Design, Decorative

Book dedication

Refer from Authorship; Dedication of books (s)

Book illustration *see* Illustration of books

Book-making (betting) *see* Betting; Horse racing

Book-plates *see* Bookplates

Book prices

See also Booksellers and bookselling

Refer from Book auctions (s); Book sales (s); Booksellers and bookselling; Prices

Book rarities

See also Book collecting; Incunabula

Refer from Bibliography; Bibliography — Rare books (s); Book collecting; Incunabula; Rare books (s)

Book repairing *see* Books — Repairing and preserving

Book reviews

See also Books and reading; Criticism; Literature — History and criticism

Refer from Appraisal of books (s); Books — Appraisal (s); Books and reading; Criticism; Evaluation of literature (s); Literature — History and criticism; Publishers and publishing; Reviews (s)

Book sales *see* Book prices; Booksellers and bookselling

Book shelves *see* Shelving (for books)

Book stacks *see* Shelving (for books)
Book titles *see* Titles of books
Book trade *see* Booksellers and bookselling;
Publishers and publishing
Book-worms *see* Bookworms
Bookbinding

See also Book covers; Marbling

Bookcases *see* Shelving (for books)

Bookkeeping

See also Accounting; Auditing; Business education; Card system in business; Cost accounting; Municipal accounts

Bookmaking (betting) *see* Betting; Horse racing

Bookplates

Books

See also Bibliography; Block books; Bookbinding; Bookplates; Books and reading; Booksellers and bookselling; Bookworms; Cataloging; Catalogs, Library; Chained books; Classification; Colophons; Copyright; Illumination of manuscripts and books; Illustration of books; Libraries; Literature; Manuscripts; Reference books; Printing; Prohibited books; Publishers and publishing; Shelving (for books); Textbooks; Title-pages; Titles of books; Writing; *also* headings beginning Book

—Appraisal, *see* Book reviews; Books and reading; Books and reading — Best books; Criticism; Literature — History and criticism

—Repairing and preserving

See also Bookworms

Books and reading

See also Bibliography; Book reviews; Books; Children's literature; Fiction in libraries; Libraries; Literature; Prohibited books; Reference books

—Best books

See also Children's literature

Books for the blind *see* Blind, Books for the

Booksellers and bookselling

See also Book prices; Catalogs, Booksellers'; Copyright; Publishers and publishing

Booksellers' catalogs *see* Catalogs, Book sellers'

Bookselling *see* Booksellers and bookselling

Bookworms

See also Books — Repairing and preserving

Boomerangs

Boone's trail *see* Wilderness road

Boots and shoes

See also Blacking; Leather; Shoemakers

Refer from Arts and crafts; Bibliography; Binding (s); Book covers; Books; Industrial arts; Library science

Refer from Accounting; Arithmetic, Commercial; Auditing; Business; Business education; Commerce

Refer from Bibliography; Book collecting; Book-plates (s); Books; Ex libris (s)

Refer from Bibliography; Books and reading; Copyright; Libraries; Literature; Paleography; Printing; Publishers and publishing; Writing

Refer from Book repairing (s); Bookworms

Refer from Appraisal of books (s); Bibliography; Book reviews; Books; Books — Appraisal (s); Choice of books (s); Education; Evaluation of literature (s); Libraries; Literature; Reading; Self-culture

Refer from Appraisal of books (s); Best books (s); Bibliography — Best books (s); Books — Appraisal (s); Evaluation of literature (s)

Refer from Biography; Book auctions (s); Book prices; Book sales (s); Book trade (s); Books; Bookselling (s); Commerce; Copyright; Literature; Publishers and publishing

Refer from Book-worms (s); Books; Books — Repairing and preserving; Insects, Injurious and beneficial

Refer from Arms and armor

Refer from Costume; Foot; Leather; Manufactures; Shoes (s)

Bordeaux mixture

See also Fungicides; Spraying
Border life *see* Frontier and pioneer life

Borders of Scotland

Boring

See also Artesian wells; Rock drills;
Shaft sinking

Boring (metal working, etc.) *see* Drilling
(perforating)

Boroughs

See also Cities; Local government;
Municipal corporations; Representative
government and representation; Towns

Bosjesmen *see* Bushmen

Boss rule

See also Graft; Political corruption

Bossism *see* Boss rule

Boston massacre, 1770

See also U. S. — History — Revolution —
Causes

Boston tea party, 1773

See also U. S. — History — Revolution
— Causes

Botanical chemistry *see* Plants — Chemistry
and nutrition

Botanical gardens

See also Gardens; Parks

Botanical museums

Botanical nomenclature *see* Botany — Nomen-
clature

Botanical societies

Botanists

See also Naturalists

Botanizing *see* Plants — Collection and pres-
ervation

Botany [for systematic works and those dealing
with botany as a science]

See also Alpine plants; Annuals (plants);
Aquatic plants; Bacteriology; Biology;
Botanists; Buds; Bulbs; Cells; Climbing
plants; Color of flowers; Cryptogams;
Desert vegetation; Evolution; Fertilization
of plants; Floriculture; Flowers; Forests
and forestry; Fossil plants; Fruit; Garden-
ing; Geographical distribution of animals
and plants; Hybridization; Insectivorous
plants; Leaves; Medical botany; Mendel's
law; Microscope and microscopy; Natural
history; Nature study; Parasites; Phanero-
gams; Plants; Seedlings; Seeds; Shrubs;
Trees; Tropical plants; Variation (biology);
Vegetables; Weeds; *also* headings beginning
Botanical and Plant, and names of plants,
and of divisions, orders, etc., of the vegetable
kingdom; *also* names of cities, subhead
Botany

—Agricultural, *see* Botany, Economic

—Anatomy, *see* Botany, Structural

Refer from Fungicides; Spraying

Refer from Scotland; Scottish borders (s);
Scottish marches (s)

Refer from Artesian wells; Civil engineering;
Diamond drilling (s); Drilling (earth and
rock) (s); Engineering; Hydraulic engineering;
Mining engineering; Rock drills; Shaft sink-
ing; Wells

Refer from Cities; Local government; Mu-
nicipal corporations; Representative govern-
ment and representation; Towns

Refer from Bossism (s); Political bosses (s);
Political corruption; Politics

Refer from Boston — History; Massacres;
Massachusetts — History; U. S. — History —
Revolution — Causes

Refer from Boston — History; Taxation —
U. S.; Tea; U. S. — History — Revolution —
Causes

Refer from Gardens; Parks

Refer from Museums

Refer from Scientific societies; Societies

Refer from Botany; Naturalists; Scientists

Refer from Annuals (plants); Biology; Buds;
Cryptogams; Flora (s); Flowers; Gardening;
Insectivorous plants; Leaves; Natural history;
Nature; Nature study; Phanerogams; Plants;
Science; Shrubs; Trees; Vegetable kingdom (s)

Botany—Continued

—**Classification**

See also Botany—Nomenclature

—Ecology, *see* Ecology

—**Economic**

See also Agricultural products, and names of products; Forest products, and names of products; Grasses; Medical botany; Plants, Cultivated; Poisonous plants; Weeds

—**Embryology**

See also Cells; Germination; Seeds

—Fossil, *see* Fossil plants

—Geographic, *see* Geographical distribution of animals and plants

—Histology, *see* Botany, Structural

—**History**

—Medical, *see* Medical botany

—Morphology, *see* Botany, Structural

—**Nomenclature**

—Organography, *see* Botany, Structural

—Pathology, *see* Plants—Diseases

—**Physiology**

See also Botany—Embryology; Botany, Structural; Climbing plants; Color of flowers; Color of plants; Fermentation; Fertilization of plants; Galls (botany); Germination; Insectivorous plants; Metabolism; Phosphorescence; Plants—Chemistry and nutrition; Plants, Effect of chemicals on; Plants—Movements; Roots

—**Structural**

See also Bark; Botany—Physiology; Cells; Flowers; Leaves; Roots; Seeds

—**Study and teaching**

—**U. S.**

Botany of the Bible *see* Bible—Natural history

Boulders

See also Drift; Glaciers; Moraines

Boundaries

See also Frontiers; Northeast boundary of the U. S.; Northwest boundary of the U. S.; *also* names of countries, states and cities, subhead Boundaries

Bounties

See also Subsidies

—**Military**

See also Recruiting and enlistment

Refer from Classification; Plants—Classification (s)

Refer from Agricultural botany (s); Agricultural products; Agriculture; Botany, Agricultural (s); Economic botany (s); Forest products; Medical botany; Plants, Useful (s)

Refer from Botany—Physiology; Cells; Embryology; Plant embryology (s); Seeds

Refer from Botanical nomenclature (s); Botany—Classification; Names; Nomenclature (s); Plant names (s); Plants—Names(s); Terminology (s)

Refer from Botany, Structural; Climbing plants; Color of flowers; Color of plants; Fertilization of plants; Germination; Insectivorous plants; Metabolism; Physiological botany (s); Physiology of plants (s); Plant physiology (s); Plants—Chemistry and nutrition; Plants—Habits (s); Plants—Movements; Plants—Physiology (s); Vegetable physiology (s)

Refer from Anatomy of plants (s); Bark; Botany—Anatomy (s); Botany—Histology (s); Botany—Morphology (s); Botany—Organography (s); Botany—Physiology; Cells; Histology; Leaves; Morphology; Morphology of plants (s); Organography (s); Plant anatomy (s); Plant morphology (s); Plants—Anatomy (s); Plants—Morphology (s); Roots; Structural botany (s); Wood

Refer from Natural history—U. S.; U. S.—Botany (s); U. S.—Flora (s)

Refer from Boulders (s); Drift; Erratics (s); Geology; Glaciers; Moraines

Refer from Frontiers; Geography; Geography, Political (s); History; International law

Refer from Compensation (s); Rewards (prizes, etc.); Subsidies

Refer from Military art and science; Military bounties (s); Pensions; Recruiting and enlistment

Bow (music) *see* Stringed instruments; Violin

Bow and arrow

See also Archery; Arrowheads

Bowed instruments *see* Stringed instruments

Bowlders *see* Boulders

Bowling

Bows *see* Bow and arrow

Box making

Boxers

See also China — History; Eastern question (Far East); Missions — China

Boxing

Boy *see* Boys

Boy choirs *see* Choirs

Boy scouts

Boycott

See also Blacklisting; Consumers' leagues; Labor unions; Strikes and lockouts

Boys

See also Apprentices; Boy scouts; Boys' clubs; Child labor; Children; Education; Juvenile delinquency; Newsboys; School children; Truancy; Young men; Youth

Boys' clubs

See also Boy scouts

Bracelets

See also Jewelry

Brachiopoda

See also Invertebrates

Brachygraphy *see* Shorthand

Brahmanism

See also Buddhism; Caste; Hinduism; India — Religion; Vedanta; Vedas

Braidism *see* Hypnotism

Brain

See also Aphasia; Apoplexy; Dreams; Fatigue, Mental; Feeble-minded; Head; Idiocy; Insanity; Intellect; Memory; Mental diseases; Meningitis; Mind and body; Nervous system; Paralysis; Phrenology; Psychology; Psychometry; Sleep; Trephining

Brakes

See also Air brakes; Safety devices

Brandy

See also Distillation; Liquors

Brass

See also Alloys; Brasses

Brass instruments *see* Wind instruments

Brasses

Bravery *see* Courage

Brazing *see* Solder and soldering

Bread

See also Baking; Cookery; Flour and flour mills

Breadstuffs *see* Grain

Breakfast foods *see* Cereals, Prepared

Refer from Archery; Arms and armor; Arrowheads; Arrows (s); Bows (s)

Refer from Games; Ten pins (s); Tenpins (s)

Refer from Manufactures

Refer from China — History; Eastern question (Far East); Missions — China; Secret societies

Refer from Athletics; Fighting (s); Prize fighting (s); Pugilism (s); Sparring (s); Sports

Refer from Boys; Boys' clubs; Scouts and scouting

Refer from Blacklisting; Labor and capital; Labor laws; Labor unions; Strikes and lockouts

Refer from Boy (s); Children; Conduct of life; Young men; Young people (s); Youth

Refer from Boys; Clubs; Social settlements

Refer from Jewelry

Refer from Invertebrates; Marine zoology

Refer from Buddhism; Caste; Hinduism; India — Religion; Religions

Refer from Head; Insanity; Intellect; Mental diseases; Mental physiology (s); Mind and body; Nervous system; Physiology; Psychology; Psychology, Physiological; Skull

Refer from Air brakes; Railroads; Railroads — Equipment and supplies; Safety devices

Refer from Alcohol; Distillation; Liquors

Refer from Alloys; Copper; Metals; Sheet-metal work; Zinc

Refer from Archaeology; Art; Brass; Epitaphs; Inscriptions; Metal work; Monumental brasses (s); Monuments; Tombs

Refer from Baking; Cookery; Food

Breakfasts

See also Cereals, Prepared; Cookery; Menus

Breakwaters

See also Civil engineering; Jetties; Piles and pile driving

Breathing

See also Chest; Lungs; Physiology; Respiratory organs; Singing and voice culture; Voice; Yawning

Breeding

See also Domestic animals; Eugenics; Heredity; Hybridization; Live stock; Mendel's law; Plant breeding

Bréton club *see* Jacobins

Breviaries

See also Catholic church — Liturgy and ritual; Liturgies

Brewing

See also Ale; Beer; Chemistry, Technical; Enzymes; Liquors; Malt

Bribery

See also Graft; Political corruption

Bric-a-brac

See also Decoration and ornament; Pottery

Bricklaying

See also Masonry

Bricks

See also Bricklaying; Building materials; Clay; Clay industries; Masonry; Pavements; Tiles

Bridal customs *see* Marriage customs and rites; Weddings

Bridge (game) *see* Bridge whist

Bridge whist

See also Cards; Whist

Bridges

See also Arches; Cables; Civil engineering; Culverts; Drawbridges; Girders; Graphic statics; Masonry; Military bridges; Strains and stresses; Trestles; Trusses; *also* names of cities, subhead Bridges

—Foundations and piers

See also Caissons; Cofferdams

Brigands and robbers

See also Dacoits; Outlaws; Thieves; Thugs

Briquets

See also Fuel

Criticisms**British in India**

See also Eastern question (Central Asia); India — History

British literature *see* English literature; Irish literature; Scottish literature

Refer from Cookery; Eating; Home economics; Meals (s); Menus; Table

Refer from Civil engineering; Engineering; Harbors; Hydraulic engineering; Jetties; Piles and pile driving

Refer from Lungs; Physiology; Respiration (s); Respiratory organs; Singing and voice culture

Refer from Animals — Breeding (s); Cattle; Domestic animals; Heredity; Live stock; Stock breeding (s); Thremmatology (s)

Refer from Catholic church — Breviaries (s); Catholic church — Liturgy and ritual; Liturgies; Prayer books

Refer from Ale; Beer; Chemistry, Technical; Fermentation; Industrial arts; Liquor, traffic; Liquors; Malt

Refer from Crime and criminals; Elections; Graft; Political corruption; Political ethics

Refer from Art; Decoration and ornament; House decoration; Pottery

Refer from Bricks; Building; Masonry

Refer from Building materials; Clay; Clay industries; Masonry; Pavements; Tiles

Refer from Bridge (game) (s); Cards; Whist

Refer from Arches; Architecture; Civil engineering; Culverts; Drawbridges; Engineering; Girders; Graphic statics; Masonry; Railroad bridges (s); Railroads; Railroads — Construction; Steel construction; Strains and stresses; Suspension bridges (s); Trestles; Trusses; Viaducts (s)

Refer from Caissons; Cofferdams; Foundations; Hydraulic engineering; Piers (s)

Refer from Banditti (s); Biography; Crime and criminals; Highwaymen (s); Kidnapping; Outlaws; Robbers (s); Thieves

Refer from Bog fuel (s); Coal; Fuel; Lignite; Peat

Refer from English language; English language — Dialects; Idioms, English; Slang

Refer from English in India (s); India — History

British museum

British poetry *see* English poetry; Irish poetry;
Scottish poetry

Britons

See also Celts; Druids; England — History
— To 1066

Broadsword *see* Swords

Brokers and factors

See also Agency, Stock exchange

Bronchitis

See also Cough; Respiratory organs —
Diseases; Throat

Bronze

See also Alloys; Bronzes; Bronzing

Bronze age

See also Archaeology; Copper age

Bronzes

Bronzing

See also Metal coloring

Brooches

See also Jewelry

Brook Farm

Brook life *see* Fresh-water life

Brook trout *see* Trout

Broom drill *see* Drills and marches

Brooms and brushes

Brotherhoods

See also Monasticism; Religious orders

Brothers of Christ *see* Christadelphians

Brownists

See also Congregationalism; Dissenters;
Pilgrim fathers

Brushes *see* Brooms and brushes

Brutes *see* Animals — Treatment; Zoology

Bryology *see* Mosses

Bryophytes *see* Cryptogams; Mosses

Bryozoa *see* Polyzoa

Bubbles, Soap, *see* Soap bubbles

Bubonic plague *see* Plague

Buccaneers

See also Filibusters; Pirates

Bucket shops *see* Speculation

Bucolic poetry *see* Pastoral poetry

Buddha *see* Buddhism

Buddhism

See also Brahmanism; Hinduism; India —
Religion; Lamaism; Theosophy

—Esoteric, *see* Theosophy

Budget *see* names of countries and cities,
subhead Finance

Buds

See also Botany

Buffalo, American, *see* Bison

Refer from London — Galleries and mu-
seums; London — Libraries

Refer from Celts; Druids; England —
History — To 1066

Refer from Agency; Agents (s); Commercial
law; Factors (s); Stock exchange

Refer from Cold (disease); Cough; Medicine
— Practice; Respiratory organs — Diseases;
Throat

Refer from Alloys; Copper; Metals; Tin

Refer from Archaeology; Copper age
Refer from Archaeology; Art; Bronze;
Decoration and ornament; Metal work;
Sculpture

Refer from Bronze; Decoration and orna-
ment; Metal coloring; Plating

Refer from Jewelry
Refer from Communism; Cooperation;
Transcendentalism

Refer from Brushes (s); Sweeping

Refer from Church polity; Monasticism;
Religious orders

Refer from Congregationalism; Dissenters;
Pilgrim fathers; Sects

Refer from Filibusters; Freebooters (s);
Naval battles; Naval history; Pirates; Voy-
ages and travels; West Indies — History

Refer from Brahmanism; Buddha (s);
China — Religion; Confucianism; Hinduism;
India — Religion; Lamaism; Monasticism;
Religions

Refer from Botany; Flowers

Bugle calls

See also Military music

Bugs *see* Hemiptera; Insects

Buhlwork *see* Inlay

Building

See also Acoustics of buildings; Arches; Architecture; Bricklaying; Building materials; Building stones; Carpentry; Ceilings; Chimneys; Civil engineering; Concrete construction; Doors; Engineering; Fire escapes; Fireproof construction; Floors; Foundations; Girders; Graphic statics; Hardware; Heating; House painting; Masonry; Plaster and plastering; Plumbing; Roofs; Sanitary engineering; Scaffolding; Shoring and underpinning; Skylights; Stair building; Steel construction; Strains and stresses; Strength of materials; Trusses; Vaulting; Ventilation; Walls; Windows

—Contracts and specifications**—Estimates**

—Materials, *see* Building materials

—Specifications, *see* Building — Contracts and specifications

Building and loan associations

See also Benefit societies

Building contracts *see* Building — Contracts and specifications

Building laws

See also Fire escapes; Fireproof construction; Tenement houses

Building materials

See also Bricks; Building stones; Cement; Concrete; Concrete, Reinforced; Fireproof construction; Glass; Iron; Plaster and plastering; Steel; Stone; Stone, Artificial; Strength of materials; Stucco; Terra cotta; Tiles; Timber; Wood

Building stones

See also Building materials; Geology, Economic; Granite; Limestone; Marble; Masonry; Quarries and quarrying; Sandstone; Slate; Stone; Stonecutting

Buildings, Dampness in, *see* Dampness in buildings

Buildings, Portable, *see* Portable buildings

Buildings, Public, *see* Public buildings

Bulbs

See also Floriculture

Bulkheads

See also Shipbuilding

Bull fights *see* Bullfights

Bulletins, Library, *see* Library bulletins

Bullets *see* Projectiles

Bullfights

See also Mexico — Social life and customs; Spain — Social life and customs

Bullion *see* Coinage; Money; Precious metals

Refer from Military art and science; Military music; Signals; Trumpet calls (s)

Refer from Arches; Architecture; Carpentry; Civil engineering; Construction (s); Engineering; Floors; Foundations; Girders; Industrial arts; Masonry; Plaster and plastering; Roofs; Scaffolding; Shoring and underpinning; Steel construction; Strains and stresses; Strength of materials; Trusses; Walls

Refer from Building — Specifications (s); Building contracts (s); Contracts; Specifications (building) (s)

Refer from Estimates (s)

Refer from Banks and banking; Benefit societies; Cooperation; Cooperative banks (s); Cooperative building associations (s); Corporations; Investments; Loan associations (s); Provident loan associations (s); Savings banks

Refer from Fireproof construction; Hygiene, Public; Law; Municipal improvement

Refer from Architecture; Bricks; Building; Building — Materials (s); Building stones; Cement; Concrete; Concrete, Reinforced; Engineering; Engineering materials (s); Strength of materials; Timber

Refer from Building; Building materials; Geology, Economic; Granite; Limestone; Marble; Masonry; Quarries and quarrying; Sandstone; Stone; Stonecutting; Stones (s)

Refer from Botany; Floriculture

Refer from Shipbuilding; Steamboats

Refer from Bull fights (s); Fighting (s); Mexico — Social life and customs; Spain — Social life and customs; Sports

Bulls, Papal

See also Popes

Bungalows**Bunker Hill, Battle of**

See also U. S. — History — Revolution

Buoys**Bureaucracy****Burglary**

See also Larceny

Burial

See also Catacombs; Cemeteries; Cremation; Embalming; Epitaphs; Funeral rites and ceremonies; Monuments; Mounds and mound builders; Mummies; Sarcophagi; Tombs; Urn burial

—Premature

Buried treasure *see* Treasure-trove

Burlesques

See also Comedy; Parodies

Burning the dead *see* Cremation

Burns and scalds

See also First aid in illness and injury

Burnt leather *see* Pyrography

Burnt wood work *see* Pyrography

Burying grounds *see* Burial; Cemeteries

Bushmen**Business**

See also Accounting; Advertising; Auctions; Auditing; Boards of trade; Book-keeping; Business depression; Business education; Business ethics; Card system in business; Cash registers; Commerce; Commercial law; Commercial travelers; Competition; Corporations; Credit; Department stores; Economics; Exchange; Finance; Forms (in law); Instalment plan; Joint-stock companies; Mail order business; Manufactures; Markets; Merchants; Money; Occupations; Office supplies; Panics; Peddlers and peddling; Profession, Choice of; Profit; Promoting; Prosperity; Real estate business; Salesmanship; Scientific management; Signs; Stock exchange; Success; Trust companies; Warehouses; Wealth; Window dressing

Business arithmetic *see* Arithmetic, Commercial

Business correspondence *see* Commercial correspondence

Business depression

See also Panics

Refer from Catholic church; Papal bulls (s); Popes

Refer from Architecture, Domestic; Architecture, Rural (s); Cottages; Country houses; Rural architecture (s)

Refer from U. S. — History — Revolution — Campaigns and battles

Refer from Bell buoys (s); Harbors; Navigation

Refer from Civil service; Government

Refer from Crime and criminals; Larceny; Thieves

Refer from Archæology; Burying grounds (s); Cemeteries; Christian antiquities; Death; Funeral rites and ceremonies; Graves (s); Hygiene, Public; Interment (s); Manners and customs; Mortuary customs (s); Sepulture (s); Tombs

Refer from Premature burial (s); Suspended animation

Refer from Comedy; Humor; Parodies

Refer from Accidents; First aid in illness and injury; Scalds (s)

Refer from Bosjesmen (s); Ethnology — Africa; Hottentots

Refer from Accounting; Advertising; Commerce; Commercial law; Economics; Industrial arts; Merchants; Money; Occupations; Profession, Choice of; Salesmanship; Stores (s); Success; Trade (s); Wealth

Refer from Business; Commerce; Commercial crises (s); Crises, Commercial (s); Economics; Finance; Hard times (s); Industrial depression (s); Panics; Prosperity

Business education

See also Accounting; Bookkeeping; Commercial correspondence; Commercial law; Penmanship; Shorthand; Typewriting

Business ethics

See also Competition; Honesty; Honor; Wealth

Business law *see* Commercial law

Busy work

See also Cardboard construction; Paper work

Butchering *see* Slaughtering and slaughter-houses

Butter

See also Dairy products; Dairying; Oleo-margarine

Butterflies

See also Caterpillars; Lepidoptera

Buttons

By-products *see* Waste products

Byzantine empire

See also Constantinople; Middle ages — History

Cabala

See also Occult sciences

Cabbala *see* Cabala

Cabinet organ *see* Reed organ

Cabinet system**Cabinet work**

See also Decoration and ornament; Furniture; Turning

Cabins, Log, *see* Log cabins

Cable codes *see* Telegraph codes

Cable railroads

See also Mountain railroads

Cables

See also Cable railroads; Cableways; Chains; Electric cables; Rope; Wire

—Submarine**Cableways**

See also Conveying machinery; Suspended railways; Telferage

Cabs *see* Carriages

Caesarism *see* Despotism; Imperialism

Caesars *see* Roman emperors

Cafés *see* Restaurants

Caffres *see* Kafirs

Cage birds

See also Canaries

Refer from Bookkeeping; Business; Commercial education (s); Commercial schools (s); Education

Refer from Business; Commercial ethics (s); Conduct of life; Ethics; Ethics, Commercial (s); Honesty; Honor; Merchants

Refer from Children; Education, Elementary; Manual training; Seat work in schools (s); Teaching

Refer from Dairy products; Dairying; Food; Milk

Refer from Caterpillars; Lepidoptera

Refer from Clothing; Manufactures

Refer from Constantinople; Eastern empire (s); Greek empire (s); Middle ages — History; Rome — History — Empire; Turkey — History

Refer from Cabbala (s); Hebrew literature; Jewish literature; Jews — Religion; Kabala (s); Kabbala (s); Mysticism; Occult sciences; Theosophy

Refer from Constitutional history; Government; Representative government and representation

Refer from Carpentry; Decoration and ornament; Furniture; Industrial arts; Wood-work

Refer from Cables; Mountain railroads; Railroads; Railroads, Cable (s); Street railroads

Refer from Bridges; Manufactures; Power transmission; Rope; Wire

Refer from Atlantic cable (s); Electric cables; International law; Pacific cable (s); Submarine cables (s); Submarine telegraph (s); Telegraph; Telegraph. Submarine (s)

Refer from Cables; Conveying machinery; Ropeways (s); Suspended railways; Telferage

Refer from Birds; Canaries; Domestic animals; Pets

Caisson disease

Refer from Caissons; Compressed air; Compressed air disease (s); Occupations — Diseases and hygiene

Caissons

See also Bridges — Foundations and piers; Caisson disease; Compressed air; Foundations

Refer from Bridges — Foundations and piers; Foundations; Hydraulic engineering

Cake

See also Baking

Refer from Baking; Cookery

Calculating machines

See also Slide rule; Tabulating machines

Refer from Arithmetic; Arithmetic, Commercial; Calculation — Aids (s); Calculators (s); Machinery; Mathematical instruments; Mathematics

Calculation — Aids, *see* Calculating machines; Mathematics — Tables, etc.; Ready-reckoners

Calculators *see* Calculating machines; Ready-reckoners

Calculus

See also Algebra; Curves; Equations; Functions

Refer from Algebra; Analysis (mathematics) (s); Differential calculus (s); Fluxions (s); Functions; Infinitesimal calculus (s); Integral calculus (s); Mathematics; Variations (calculus) (s)

Calendar

See also Christian year; Chronology; Time; Year

Refer from Astronomy; Chronology; Gregorian calendar (s); Time; Year

Calendars

See also Almanacs; Daily readings; Yearbooks

Refer from Almanacs; Yearbooks

Calico printing

See also Dyes and dyeing; Textile design

Refer from Dyes and dyeing; Printing; Textile industry and fabrics

Califs *see* Caliphs

Caliphs

See also Bagdad; Mohammedanism

Refer from Califs (s); Kalifs (s); Khalifs (s); Kings and rulers; Mohammedanism; Sarcens; Sovereigns (s)

Calisthenics *see* Gymnastics; Physical education

Calligraphy *see* Penmanship

Callisthenics *see* Gymnastics; Physical education

Caloric *see* Heat

Caloric engines *see* Air engines

Calorimeters and calorimetry

See also Animal heat; Heat

Refer from Fuel; Heat; Steam engines; Thermometer

Calumny *see* Libel and slander

Calvinism

See also Antinomianism; Arminianism; Congregationalism; New England — Religious history; Orthodoxy; Predestination; Presbyterianism; Puritans

Refer from Congregationalism; New England — Religious history; Orthodoxy; Predestination; Presbyterianism; Theology

Cambistry *see* Arithmetic, Commercial; Foreign exchange; Weights and measures

Cambrian period *see* Geology, Stratigraphic — Cambrian; Paleontology — Cambrian

Cameos

See also Gems

Refer from Carving (art industries); Gems; Jewelry

Cameras

See also Photography

Refer from Photography

Camisards

See also Cévennes; France — Religious history; Huguenots

Refer from Cévennes; France — Religious history; Huguenots

Camorra

See also Italy — Politics; Mafia

Camp meetings

Campagna di Roma

Campaign funds

Campaign literature

See also Silver (as money); Tariff question; U. S. — Politics

Campaign songs

Campaigns, Presidential, *see* Elections— U. S.; Presidents — U. S — Election

Campanology *see* Bells

Campbellites *see* Disciples of Christ

Camping

See also Outdoor life; Tents

Camps (military)

See also Concentration camps

Cams

See also Machine design

Canada — History

———To 1763 (New France)

See also French and Indian war; French in America

———1763–1867

See also Canada — History — Rebellion, 1837–1838

———Rebellion, 1837–1838

See also Canada — History — 1763–1867

———1867–

See also Fenians (society)

Canadian literature

See also Canadian poetry

Canadian Northwest *see* Northwest, Canadian
Canadian poetry

See also Canadian literature

Canadian rebellion, 1837–1838, *see* Canada — History — Rebellion, 1837–1838¹.

Canadians in the U. S.

Canal boats

Canal locks *see* Canals — Locks

Canals

See also Aqueducts; Canal boats; Civil engineering; Embankments; Hydraulic engineering; Inland navigation; Irrigation canals; Ship canals; Waterways; *also* names of canals, e.g. Panama canal

———Locks

———U. S.

See also Waterways — U. S.

Refer from Crime and criminals — Italy; Italy — Politics; Mafia; Naples; Secret societies

Refer from Revivals

Refer from Italy — Description and travel; Roman Campagna (s); Rome (city)— Campagna (s)

Refer from Civil service; Elections; Elections — U. S.; Political corruption; Political parties; Politics; Publicity; U. S.— Politics

Refer from Political parties; Politics; U. S. — Politics

Refer from Political songs (s); Songs; Songs, American [etc]

Refer from Amusements; Country life; Outdoor life; Sports; Tents; Vacations

Refer from Military art and science

Refer from Machine design; Mechanical movements

Refer from French in America; New France (s)

Refer from Canada — History — Rebellion, 1837–1838

Refer from Canada — History — 1763–1867; Canadian rebellion, 1837–1838 (s); French-Canadians

Refer from Fenians (society)

Refer from American literature; Canadian poetry; English literature; French-Canadian literature (s)

Refer from American poetry; Canadian literature; English poetry

Refer from U. S.— Foreign population

Refer from Boats and boating; Canals

Refer from Civil engineering; Commerce; Engineering; Hydraulic engineering; Inland navigation; Transportation; Water supply; Waterways

Refer from Canal locks (s); Locks (canals) (s)

Refer from U. S.— Canals (s); Waterways — U. S.

Canaries

See also Birds; Cage birds

Cancer**Candles****Candlesticks**

Candy *see* Confectionery

Caning of chairs *see* Chair caning

Canned food *see* Canning and preserving;
Packing industry

Cannibalism

See also Africa — Description and travel;

Polynesia

Canning and preserving

See also Cookery; Food preservation and
preservatives

Cannon *see* Guns; Ordnance

Canoeing *see* Canoes and canoeing

Canoes and canoeing

See also Boats and boating

Canon (Bible) *see* Bible — Canon

Canon (music)

See also Counterpoint; Fugue; Musical
form

Canon law *see* Church law

Canonization

See also Saints

Canons, Apostolic, *see* Apostolic canons

Cantatas**Canteens (army)****Canterbury cathedral**

See also Cathedrals — England

Canticles *see* Bible — Old Testament — Song
of Solomon

Caoutchouc *see* Rubber

Cap and gown *see* Costume, Academic

Capillarity

See also Hydrostatics; Liquids; Splashes

Capital

See also Banks and banking; Capitalists
and financiers; Commerce; Economics;
Interest; Investments; Labor and capital;
Money; Monopolies; Profit; Trusts; Wealth

Capital and labor *see* Labor and capital

Capital punishment

See also Electrocution; Executioners;
Guillotine; Lynch law

Capitalists and financiers

See also Millionaires

Capitalization

See also Cataloging

Capitalization (finance) *see* Corporations;
Promoting; Railroads — Finance; Securities

Caps and gowns *see* Costume, Academic

Refer from Birds; Cage birds

Refer from Carcinoma (s); Medicine —
Practice; Tumors

Refer from Lighting; Manufactures

Refer from Furniture; House decoration

Refer from Anthropophagy (s); Ethnology;
Food; Man; Manners and customs

Refer from Canned food (s); Cookery;
Domestic arts; Food preservation and pre-
servatives; Fruit; Industrial arts; Preserv-
ing (s)

Refer from Aquatic sports; Boats and boat-
ing; Canoeing (s); Navigation; Rowing;
Sailing; Sports

Refer from Composition (music); Counter-
point; Fugue; Music — Theory; Musical
form

Refer from Catholic church; Church history;
Rites and ceremonies; Saints

Refer from Music; Oratorios

Refer from Army canteens (s); Liquor prob-
lem; Liquor traffic; Temperance; U. S. — Army

Refer from Canterbury, Eng.; Cathedrals —
England

Refer from Hydrostatics; Liquids; Matter;
Physics

Refer from Commerce; Economics; Finance;
Income; Labor and capital; Money; Monopo-
lies; Profit; Property; Trusts; Wealth

Refer from Crime and criminals; Criminal
law; Death penalty (s); Ethics; Executions (s);
Hanging (s); Murder; Punishment

Refer from Biography; Capital; Finance;
Financiers (s); Millionaires; Wealth

Refer from Cataloging; Printing; Writing

Captivity among the Indians *see* Indians —
Captivities

Capuchins

See also Franciscans; Monasticism

Car building *see* Cars

Car couplings

Car heating, lighting and ventilation

Car lighting *see* Car heating, lighting and
ventilation

Car shops *see* Railroads — Shops

Car ventilation *see* Car heating, lighting and
ventilation

Car wheels

Carbines *see* Rifles

Carbon

See also Charcoal; Chemistry, Organic;
Coal; Coke; Diamonds; Electric light car-
bons; Graphite

Carbonari

See also Italy — History — 1815-; Italy
— Politics

Carboniferous period *see* Geology, Strati-
graphic — Carboniferous; Paleontology —
Carboniferous

Carbons (electric light) *see* Electric light
carbons

Carcinoma *see* Cancer; Tumors

Card catalogs *see* Catalogs, Card

Card system in business

See also Accounting; Catalogs, Card

Cardboard construction

Cardinals

See also Catholic church — Clergy

Cards

See also Bezique; Bridge whist; Cribbage;
Euchre; Fortune telling; Gambling; Games;
Poker; Skat (game); Solitaire; Whist

Caricature and cartoons

See also Humor; Mimicry; Satire

Carlists

See also Spain — History — 1700-

Carmelites

Carnations

See also Floriculture

Carnivals *see* Festivals

Carnivora

See also Bears; Cats; Dogs; Foxes; Lions;
Mammals; Seals (animals); Tigers; Wolves

Carnivorous plants *see* Insectivorous plants

Carols

See also Ballads; Songs

Carpenters' square *see* Square (instrument)

Refer from Franciscans; Monasticism

Refer from Cars; Couplings (s); Railroads —
Equipment and supplies; Safety devices

Refer from Car lighting (s); Car ventila-
tion (s); Cars; Heating; Lighting; Railroads
— Equipment and supplies; Ventilation

Refer from Cars; Wheels

Refer from Chemical elements; Chemistry,
Organic

Refer from Italy — History — 1815-; Italy
— Politics; Secret societies

Refer from Accounting; Bookkeeping; Busi-
ness; Catalogs, Card; Drafting room practice;
Indexes; Office supplies

Refer from Busy work; Kindergarten;
Manual training

Refer from Catholic church — Biography;
Catholic church — Clergy; Christian biogra-
phy; Church polity

Refer from Amusements; Bezique; Bridge
whist; Cribbage; Entertaining; Euchre; For-
tune telling; Gambling; Games; Playing-
cards (s); Poker; Skat (game); Whist

Refer from Art; Cartoons (s); Drawing;
Grotesque; Humor; Illustration of books;
Journalism; Mimicry; Pictures; Satire

Refer from Spain — History — 1700-

Refer from Nuns; Sisterhoods

Refer from Floriculture; Flowers

Refer from Bears; Beasts of prey (s);
Cats; Dogs; Foxes; Lions; Mammals; Seals
(animals); Tigers; Wolves

Refer from Christmas; Christmas carols (s);
Christmas poetry; Church music; Easter;
Folk songs; Music; Songs

Carpentry

See also Building; Cabinet work; Cars; Doors; Floors; Lathes; Moldings; Railings; Roofs; Rustic woodwork; Scaffolding; Slide rule; Square (instrument); Stair building; Tools; Turning; Wood carving; Woodwork; Woodworking machinery

Carpetbag rule *see* Reconstruction

Carpets

See also House decoration; Linoleum; Rugs; Sweeping; Weaving

Carriage painting

See also Painting, Mechanical

Carriages

See also Ambulances; Automobiles; Chariots; Coaches and coaching; Omnibuses; Vehicles; Wheels

Carrier pigeons *see* Pigeons

Carriers

See also Baggage; Bailments; Commerce; Commercial law; Communication; Demurrage; Express companies; Freight; Interstate commerce; Navigation; Negligence; Omnibuses; Postal service; Railroads; Shipping; Transportation

Cars

See also Air brakes; Automobiles; Car couplings; Car heating, lighting and ventilation; Car wheels; Carriages; Railroads — Rolling stock; Sleeping cars

Cartels (economics) *see* Combination, Industrial; Trusts

Cartesian philosophy *see* Descartes, René

Carthusians

See also Monasticism

Cartography *see* Charts; Maps

Cartoons *see* Caricature and cartoons

Carving (art industries)

See also Arts and crafts; Bas-relief; Cameos; Glyptics; Ivory; Sculpture; Wood carving

Carving (meat, etc.)

See also Cookery

Caryokinesis *see* Karyokinesis

Cases of conscience *see* Conscience

Cash registers

Casks *see* Cooperage

Cast iron

See also Foundry work; Iron

Castaways

See also Shipwrecks

Caste

See also Brahmanism; India — Social life and customs

Castings *see* Foundry work; Plaster casts

Castles

See also Architecture; Military architecture; *also* names of castles

Refer from Architecture; Building; Industrial arts; Joinery (s); Manual training; Tools; Woodwork

Refer from Floors; House decoration; Rugs; Textile industry and fabrics; Weaving

Refer from Painting, Mechanical; Wagon painting (s)

Refer from Cabs (s); Cars; Coaches and coaching; Locomotion; Manufactures; Transportation; Vehicles; Wagons; Wheels

Refer from Bailments; Commerce; Commercial law; Common carriers (s); Communication; Demurrage; Express companies; Freight; Law; Public service corporations; Railroads; Shipping; Transportation

Refer from Car building (s); Carpentry; Manufactures; Passenger coaches (s); Railroads; Railroads — Cars (s); Railroads — Equipment and supplies; Railroads — Rolling stock; Street cars (s); Vehicles

Refer from Monasticism

Refer from Art; Arts and crafts; Bas-relief; Decoration and ornament; Design, Decorative; Sculpture; Wood carving

Refer from Cookery; Dinners and dining; Home economics; Meat; Table

Refer from Accounting; Business; Office supplies

Refer from Blast furnaces; Foundry work; Iron; Pig iron (s)

Refer from Adventure; Crusoe stories (s); Shipwrecks

Refer from Brahmanism; Class distinction; Hinduism; India — Social life and customs; Manners and customs; Sociology

Refer from Archaeology; Architecture; Architecture, Medieval; Chateaux (s); Fortification; Military architecture; Palaces

Castles—Continued

—England

See also Warwick castle; Windsor castle

Casts, Plaster, *see* Plaster casts

Casualty insurance, *see* Insurance, Casualty

Casuistry *see* Conscience

Cat *see* Cats

Catabolism *see* Metabolism

Catacombs

See also Church history — Early church

Refer from Warwick castle; Windsor castle

Refer from Archaeology; Burial; Caves; Cemeteries; Christian antiquities; Christian art and symbolism; Church history — Early church; Tombs

Cataloging

See also Alphabetering; Capitalization; Classification; Colophons; Errors and blunders, Literary; Indexing; Library science; Titles of books

Refer from Alphabetering; Bibliography; Books; Capitalization; Catalogs; Catalogs, Card; Classification; Indexing; Library science

Catalogs

See also Bibliography; Cataloging; Indexes; *also* subjects of which catalogs are made

Refer from Bibliography; Indexes

—Booksellers'

Refer from Booksellers and bookselling; Booksellers' catalogs (s)

—Card

See also Card system in business; Cataloging; Catalogs, Library

Refer from Card catalogs (s); Card system in business; Catalogs, Library

—Library

See also Bibliography; Catalogs, Card

Refer from Bibliography; Books; Catalogs, Card; Finding lists (s); Libraries; Library catalogs (s)

—Publishers'

Refer from Publishers and publishing; Publishers' catalogs (s)

Catalysis

See also Chemistry, Physical; Colloids

Refer from Chemistry; Chemistry, Physical; Colloids; Contact action (s)

Cataracts *see* Waterfalls

Catarrh

See also Cold (disease); Hay fever; Respiratory organs — Diseases

Refer from Cold (disease); Hay fever; Medicine — Practice; Nose; Respiratory organs — Diseases

Catechisms

See also Bible — Question books; Creeds; *also* names of churches, subhead Catechisms and creeds

Refer from Bible — Catechisms (s); Bible — Question books; Creeds; Theology

Catering

See also Menus; Table

Refer from Cookery; Menus; Restaurants; Table

Caterpillars

See also Butterflies; Lepidoptera; Moths

Refer from Butterflies; Insects; Lepidoptera; Moths

Cathedrals

See also Architecture, Gothic; Church architecture; *also* names of cathedrals

Refer from Abbeys; Architecture, Architecture, Gothic; Architecture, Medieval; Catholic church; Christian art and symbolism; Church architecture; Church history; Church of England

—England

See also Canterbury cathedral

Refer from Canterbury cathedral

Cathode rays

See also Electric discharges through gases; Electrons; X rays

Refer from Electric discharges through gases; Electrons; Kathode rays (s); Radiation; Radioactivity; X rays

Catholic apostolic church

Refer from Irvingites (s); Sects

Catholic church

See also Abbeys; Absolution; Apostolic succession; Bulls, Papal; Canonization; Cathedrals; Celibacy; Church and state; Confession; Convents and nunneries; Episcopacy; Excommunication; Fasts and feasts; Fathers of the church; Greek church; Immaculate conception; Indulgences; Infallibility; Inquisition; Interdict; Jansenists; Jesuits; Lent; Mary, Virgin; Mass; Miracles; Modernism; Monasteries; Monasticism; Oxford movement; Penance; Persecution; Pilgrimages; Popes; Protestantism; Purgatory; Religious liberty; Religious orders; Ritualism; Rosary; Sacraments; Saints; Shrines; Sisterhoods; Transubstantiation; Ultramontanism; Vatican

—Authority

See also Popes — Authority and supremacy

—Biography

See also Archbishops; Bishops; Cardinals; Catholic church — Clergy; Fathers of the church; Priests; Saints

—Breviaries, *see* Breviaries

—Catechisms and creeds

See also Apostles' creed; Athanasian 'creed; Nicene creed

—Clergy

See also Apostolic succession; Archbishops; Bishops; Cardinals; Catholic church — Directories; Celibacy; Episcopacy; Monasticism; Priests

—Councils, *see* Councils and synods

—Creeds, *see* Catholic church — Catechisms and creeds

—Dictionaries

—Directories

—Doctrinal and controversial works

—Education

See also Church and education; Church schools

—Government

See also Excommunication

—History

See also Church history; Councils and synods; Counter-reformation; Jansenists; Popes — History; Popes — Temporal power; Reformation; Schism, The great western, 1378–1417; Vatican council

—Infallibility, *see* Catholic church — Authority; Popes — Infallibility

—Liturgy and ritual

See also Breviaries; Chants; Mass; Missals; Ritualism

—Missions

See also Indians — Missions; Jesuits — Missions

—Name

—Orders, *see* Catholic church — Clergy; Religious orders

—Periodicals

—Popes, *see* Popes

—Ritual, *see* Catholic church — Liturgy and ritual

Refer from Church and state; Church of England; Episcopacy; Holy See (s); Papacy (s); Popes; Protestantism; Roman Catholic church (s); Romanism (s); Sects; Ultramontanism; Vatican

Refer from Authority (in religion); Catholic church — Infallibility (s); Infallibility; Popes — Authority and supremacy

Refer from Catholic church — Creeds (s)

Refer from Apostolic succession; Archbishops; Bishops; Cardinals; Catholic church — Biography; Catholic church — Orders (s); Priests

Refer from Catholic church — Clergy

Refer from Catholic church — Social relations; Church and education

Refer from Church history; Counter-reformation; Reformation; Popes — History

Refer from Breviaries; Catholic church — Ritual (s); Liturgies; Mass; Missals; Ritualism

Refer from Jesuits — Missions; Missions

Catholic church — Continued

— **Social relations**

See also Catholic church — Education;
Socialism and Catholic church

— **Statistics**

Catholic church and socialism *see* Socialism
and Catholic church

Catholic church in England

See also Catholic emancipation; England

— Religious history; Gunpowder plot

Catholic church in France

See also France — Religious history

Catholic emancipation

See also Catholic church in England

Catholic literature

Cats

See also Carnivora; Domestic animals

Cat's cradle *see* String figures

Cattle

See also Barns and stables; Beef; Breeding;
Cowboys; Cows; Dairying; Feeding and
feeding stuffs; Horns; Live stock; Oxen;
Ungulata

— **Diseases**

See also Tuberculosis in animals;
Veterinary medicine

— Transportation, *see* Animals — Transpor-
tation

Caucasian race

See also Aryans

Caucus

See also Elections; Nominations; Pri-
maries

Causation

See also Metaphysics; Teleology

Cause and effect *see* Causation

Cavalry

See also Cavalry drill and tactics; Horse;
Military art and science; *also* under country,
e.g. U. S. — Army — Cavalry. For volun-
teer regiments in the U. S., *see* under name
of state, e.g. New York cavalry; *also*
United States volunteer cavalry, for volun-
teer regiments recruited at large

Cavalry drill and tactics

See also Horse; Tactics

Cave dwellers

See also Archaeology

Cave fauna

Cave men *see* Cave dwellers

Caves

See also Catacombs; Cave dwellers;
Cave fauna; Chultunes

Ceilings

See also Mural painting and decoration;
Plaster and plastering

Celebrations *see* Anniversaries; Festivals;
Holidays; *also* names of cities, subheads
Centennial celebrations, etc., and Festivals

Refer from Christian sociology

Refer from Catholic emancipation; England
— Religious history

Refer from France — Religious history;
Gallican church (s)

Refer from Catholic church in England;
Emancipation (s); Religious liberty

Refer from Literature; Religious literature

Refer from Carnivora; Cat (s); Domestic
animals; Pets

Refer from Cows; Dairying; Domestic
animals; Live stock; Oxen; Ungulata

Refer from Animals — Diseases; Veterinary
medicine

Refer from Aryans

Refer from Elections; Nominations; Pri-
maries

Refer from Cause and effect (s); Final
cause (s); God; Metaphysics; Philosophy

Refer from Military art and science

Refer from Cavalry; Drill (military); Mili-
tary art and science; Tactics

Refer from Anthropology; Archaeology;
Cave men (s); Caves; Ethnology; Man —
Origin and antiquity; Troglodytes (s)

Refer from Caves; Zoology

Refer from Archaeology; Grottoes (s);
Physical geography; Speleology (s)

Refer from Architecture; Building; Plaster
and plastering; Roofs

Celestial mechanics *see* Mechanics, Celestial

Celibacy

See also Bachelors; Monasticism; Spin-
sters

Cell, Voltaic, *see* Electric batteries

Cello *see* Violoncello

Cells

See also Biology; Botany — Embryology;
Botany, Structural; Embryology; Histology;
Karyokinesis; Osmosis; Physiological chem-
istry; Protoplasm; Protozoa; Regeneration
(biology)

Celluloid

See also Cellulose; Guncotton

Cellulose

See also Celluloid; Guncotton; Paper;
Wood pulp

Celtic folklore *see* Folklore, Celtic

Celtic languages

See also Aryan languages; Cornish lan-
guage; Gaelic language; Irish language;
Welsh language

Celtic legends *see* Legends, Celtic

Celtic literature

See also Bards; Gaelic literature; Irish
literature (Celtic); Welsh literature

Celtic mythology *see* Mythology, Celtic

Celts

See also Aryans; Britons; Druids; Folk-
lore, Celtic; Gauls; Legends, Celtic; Picts

Cement

See also Adhesives; Building materials;
Concrete; Geology, Economic; Glue; Lime;
Pavements; Stucco

Cemeteries

See also Burial; Catacombs; Eminent
domain; Epitaphs; Landscape gardening;
Tombs; *also* names of cities, subhead
Cemeteries

—National

Cenozoic era *see* Geology, Stratigraphic —
Cenozoic; Paleontology — Cenozoic

Censorship of the press *see* Liberty of the
press; Prohibited books

Census

See also Statistics; Tabulating machines;
Vital statistics; *also* names of countries,
and cities, subhead Census

Centenarians *see* Longevity

Centennials *see* names of cities, subhead

Centennial celebrations, etc.

Central power stations *see* Power plants

Central states *see* Middle states

Centralization of schools *see* Schools — Cen-
tralization

Centrifugal fans *see* Fans, Mechanical

Centrifugal force

See also Gravitation

Refer from Catholic church; Catholic church
— Clergy; Chastity; Church history; Church
polity; Clergy; Marriage; Monasticism;
Priests; Theology

Refer from Biology; Botany; Botany —
Embryology; Botany, Structural; Cytology(s);
Embryology; Histology; Morphology; Physi-
ological chemistry; Protoplasm; Regener-
ation (biology); Zoology

Refer from Cellulose; Chemistry, Technical;
Guncotton

Refer from Celluloid; Chemistry, Technical;
Guncotton; Paper; Plants — Chemistry and
nutrition; Wood pulp

Refer from Aryan languages; Cornish lan-
guage; Gaelic language; Irish language; Kel-
tic languages (s); Welsh language

Refer from Bards; Gadhelic literature (s);
Gaelic literature; Irish literature (Celtic);
Keltic literature (s); Literature; Welsh litera-
ture

Refer from Aryans; Britons; Druids;
Gael (s); Gauls; Kelts (s); Picts

Refer from Adhesives; Building materials;
Chemistry, Technical; Concrete; Geology,
Economic; Hydraulic cement (s); Lime;
Masonry; Mortar (s); Portland cement (s);
Slag; Stucco

Refer from Archaeology; Burial; Burying
grounds (s); Churchyards (s); Eminent do-
main; Graves (s); Graveyards (s); Hygiene,
Public; Landscape gardening; Municipal im-
provement; Sanitation; Tombs

Refer from National cemeteries (s)

Refer from Population; Statistics; Vital
statistics

Refer from Force and energy

Cephalopoda

See also Mollusks

Ceramics *see* Pottery

Cereal foods *see* Cereals, Prepared

Cereals *see* Cereals, Prepared; Grain

Cereals, Prepared

Cerebral hemorrhage *see* Apoplexy

Cerebrospinal meningitis *see* Meningitis

Ceremonies *see* Etiquet; Manners and customs; Rites and ceremonies

Certainty

See also Belief; Faith; Probabilities; Truth

Certificates, Teachers', *see* Teachers — Examinations and certificates

Cervidae *see* Deer

Cetacea

See also Mammals; Whales

Chafing dish

Chain belting *see* Belting

Chained books

Chains

See also Machine design

Chair caning

Chairs

See also Chair caning; Furniture

Chalcography *see* Engraving

Chalk

See also Limestone

Chalk talks

Challenger expedition, 1872-1876

Chamber music

Chambers of commerce *see* Boards of trade

Chance

See also Probabilities

Chancellors, Lord

Chancery

See also Equity

Chanteys *see* Sailors' songs

Chanties *see* Sailors' songs

Chanting

See also Chants; Singing and voice culture

Chants

See also Anthems; Chanting; Choral music; Church music; Hymns

Chap-books *see* Chapbooks

Chapbooks

See also Ballads

Chapels

See also Church architecture

Character

See also Christian life and character; Conduct of life, and references under that subject; Ethics; Graphology; Ideals; In-

Refer from Mollusks

Refer from Breakfast foods (s); Breakfasts; Cereal foods (s); Cereals (s); Cookery; Food; Prepared cereals (s)

Refer from Belief; Conviction (s); Evidence; Faith; Intellect; Logic; Philosophy; Truth

Refer from Mammals; Marine zoology; Whales

Refer from Cookery

Refer from Books

Refer from Cables; Machine design; Manufactures

Refer from Caning of chairs (s); Chairs; Industrial arts

Refer from Furniture

Refer from Geology, Economic; Limestone

Refer from Drawing; Lectures and lecturing

Refer from Scientific expeditions

Refer from Instrumental music; Music

Refer from Fortune (s); Luck (s); Philosophy; Probabilities

Refer from Biography; Judges; Lawyers; Lord chancellors (s); Ministers of state

Refer from Courts; Equity; Law; Pleading and practice

Refer from Chants; Singing and voice culture

Refer from Anthems; Catholic church — Liturgy and ritual; Chanting; Choral music; Church music; Gregorian chant (s); Gregorian music (s); Music; Plain chant (s); Plain song (s); Plainsong (s)

Refer from Ballads; Chap-books (s); Folklore; Literature; Periodicals

Refer from Church architecture

Refer from Christian life and character; Conduct of life; Ethics; Moral education; Psychology; Temperament

dividuality; National characteristics; Palmistry; Personality; Phrenology; Physiognomy; Temperament
Character reading *see* Fortune telling; Graphology; Palmistry; Phrenology; Physiognomy; Psychometry (character reading, etc.)

Characteristics, National, *see* National characteristics

Charades

See also Amateur theatricals; Puzzles

Charcoal

See also Animal charcoal

Charcoal drawing

Chariots

Charitable societies

See also Charities; Charity organization; Humane societies

Charities

See also Almshouses; Asylums; Blind — Asylums and education; Charitable societies; Charity organization; Charity schools; Children — Charities, protection, etc.; City missions; Crèches; Deaf and dumb — Asylums and education; Dispensaries; Farm colonies; Flower missions; Fresh air charity; Friendly visiting; Hospitals; Insane hospitals; Jews — Charities; Mortmain; Nurses and nursing; Orphans and orphan asylums; Outdoor relief; Philanthropy; Poor; Poor laws; Ragged schools; Salvation army; Sisterhoods; Sisters of charity; Social settlements; Social work; Vacant lot cultivation; *also* names of cities, subheads Charities and Poor

—Medical

See also Blind — Asylums and education; Deaf and dumb — Asylums and education; Dispensaries; Hospitals; Inebriate asylums; Insane hospitals; Missions, Medical

—U. S.

See also U. S. — Hospitals and asylums

Charity

See also Altruism; Charities; Friendly visiting; Kindness; Love

Charity, Sisters of, *see* Sisters of charity

Charity organization

See also Charitable societies; Charities

Charity schools

See also Orphans and orphan asylums; Ragged schools

Charlatanry *see* Quacks and quackery

Charlemagne — Romances

Charms

See also Amulets; Birth stones; Swastika; Witchcraft

Refer from Amateur theatricals; Amusements; Drama; Puzzles; Riddles

Refer from Carbon; Fuel

Refer from Drawing

Refer from Archaeology; Carriages; Military art and science; Vehicles

Refer from Benevolent societies (s); Charities; Charity organization; Humane societies; Philanthropy; Societies

Refer from Almshouses; Asylums; Charitable societies; Charity; Charity organization; Dependent classes (s); Economics; Friendly visiting; Gifts; Homes (institutions) (s); Hospitals; Institutions, Charitable and philanthropic (s); Outdoor relief; Philanthropy; Poor; Public institutions (s); Reform; Relief work (s); Social problems; Social work; Sociology

Refer from Dispensaries; Medical charities (s); Medicine

Refer from U.S. — Charities (s)

Refer from Almsgiving (s); Begging; Benevolence (s); Conduct of life; Ethics; Giving (s); Love, Philanthropy

Refer from Associated charities (s); Charitable societies; Charities; Organized charity (s)

Refer from Charities; Children — Charities, protection, etc.; Education; Free schools (s); Orphans and orphan asylums; Schools

Refer from French literature; Middle ages — Literature; Romances

Refer from Amulets; Demonology; Evil eye; Folklore; Superstition; Talismans (s); Witchcraft

Charters

See also Archives; Corporations; Magna charta; Municipal franchises; *also* names of colonies, states, cities, etc., subhead Charters

Chartism

Chartography *see* Charts; Maps

Charts

See also Maps

Chase, The, *see* Hunting

Chastity

See also Celibacy

Chateaux *see* Castles

Chattel mortgages *see* Mortgages

Chattels *see* Personal property; Property

Checkers

Checkreins

See also Harness

Checks

See also Banks and banking

Cheerfulness

See also Happiness; Optimism

Cheese

See also Dairy bacteriology; Dairy products; Dairying

Cheirognomy *see* Palmistry

Cheiromancy *see* Palmistry

Cheiroptera *see* Bats

Cheirosophy *see* Palmistry

Chemical affinity

See also Chemical reaction

Chemical analysis *see* Chemistry — Analysis; *also* subhead Analysis under special subjects, e.g. Water — Analysis

Chemical apparatus

See also Blowpipe; Chemistry — Laboratory manuals

Chemical effects of light *see* Photochemistry

Chemical elements

See also Atomic weights; Metals; Periodic law; Valency; *also* names of elements, e.g. Argon, Arsenic, Carbon, Helium, Nitrogen, Oxygen, Radium, Sulphur

Chemical engineering

See also Chemistry, Technical; Drying; Metallurgy; Waste products

Chemical geology *see* Geochemistry; Geology, Economic; Mineralogy; Rocks

Chemical industries *see* Chemistry, Technical

Chemical instruments *see* Chemical apparatus

Chemical reaction

See also Chemical affinity; Reagents

Chemical reagents *see* Reagents

Chemical societies

Chemical technology *see* Chemistry, Technical

Refer from Archives; Deeds; Documents (s); Government; History — Sources; Law; Manuscripts; Municipal charters (s); Municipal government; Paleography

Refer from England — History — Victorian period; Labor and laboring classes — England

Refer from Cartography (s); Chartography (s); Hydrography; Maps

Refer from Ethics; Marriage; Purity (s); Sexual ethics; Virtue; Women

Refer from Draughts (s); Games

Refer from Animals — Treatment; Bearing reins (s); Driving; Harness; Horse

Refer from Banks and banking; Money

Refer from Conduct of life; Contentment; Ethics; Gladness (s); Happiness; Optimism

Refer from Dairy bacteriology; Dairy products; Dairying; Milk

Refer from Affinity, Chemical (s); Chemical reaction; Chemistry, Physical

Refer from Chemical instruments (s); Chemistry — Apparatus (s); Chemistry — Laboratory manuals; Scientific apparatus and instruments

Refer from Elements, Chemical (s)

Refer from Chemistry, Technical; Engineering; Engineering, Chemical (s); Industrial arts; Industrial chemistry (s); Metallurgy

Refer from Chemical affinity; Chemistry, Physical; Reaction, Chemical (s); Reagents

Refer from Scientific societies

Chemistry

See also Acids; Agricultural chemistry; Air; Alchemy; Alkalies; Assaying; Atomic theory; Atomic weights; Atoms; Catalysis; Color; Combustion; Condensation; Crystallography; Dissociation; Electrochemistry; Evaporation; Fermentation; Fire; Gases; Geochemistry; Ions; Metallurgy; Microchemistry; Mineralogy; Molecules; Periodic law; Pharmacy; Photochemistry; Photographic chemistry; Physics; Physiological chemistry; Plants — Chemistry and nutrition; Poisons; Radioactivity; Reagents; Receipts; Salts; Sanitary chemistry; Solution (chemistry); Spectrum analysis; Stereochemistry; *also* headings beginning Chemical, and names of chemical elements and substances

—Agricultural, *see* Agricultural chemistry

—Analysis

See also Adulterations; Assaying; Blowpipe; Electrolysis; Eudiometer; Microchemistry; Mineralogy; *also* names of substances analyzed

—Animal, *see* Physiological chemistry

—Apparatus, *see* Chemical apparatus

—Biological, *see* Physiological chemistry

—Botanical, *see*, Plants — Chemistry and nutrition

—Dairy, *see* Agricultural chemistry; Dairy bacteriology

—Domestic, *see* Chemistry, Household

—Experimental, *see* Chemistry — Laboratory manuals

—Forensic, *see* Chemistry, Legal

—History

See also Alchemy; Atomic theory; Chemists

—Household

See also Cleaning; Cookery; Food — Analysis; Food adulteration and inspection; Sanitary chemistry; Sanitation, Household

—Industrial, *see* Chemistry, Technical

—Inorganic

See also Alkalies; Ammonia; Metals; Mineralogy; Rare earths

—Laboratory manuals

See also Chemical apparatus

—Legal

See also Medical jurisprudence; Poisons

—Mathematical, *see* Chemistry, Physical

—Medical, *see* Pharmacy; Physiological chemistry

—Organic

See also Alcohol; Alkaloids; Carbon; Coal; Essences and essential oils; Fermentation; Gas; Physiological chemistry; Plants — Chemistry and nutrition; Proteins

Refer from Acids; Atoms; Gases; Molecules; Natural history; Physics; Salts; Science; Solution (chemistry)

Refer from Adulterations; Analysis (chemistry) (s); Analytical chemistry (s); Blowpipe; Chemical analysis (s); Qualitative analysis (s); Quantitative analysis (s); Titration (s); Volumetric analysis (s)

Refer from Alchemy; Atomic theory; Chemists

Refer from Chemistry, Domestic (s); Food adulteration and inspection; Home economics; Household chemistry (s); Sanitary chemistry; Sanitation, Household

Refer from Alkalies; Inorganic chemistry (s); Metals; Rare earths

Refer from Chemical apparatus; Chemistry, Experimental (s); Experimental chemistry (s); Experiments (s)

Refer from Chemistry, Forensic (s); Forensic chemistry (s); Legal chemistry (s); Medical jurisprudence; Physiological chemistry; Poisons

Refer from Alcohol; Alkaloids; Carbon; Fermentation; Organic chemistry (s); Proteins

Chemistry—Continued

- Pathological, *see* Physiological chemistry
- Pharmaceutical, *see* Pharmacy
- Photographic, *see* Photographic chemistry
- Physical**

See also Atomic theory; Atomic weights; Atoms; Boiling points; Catalysis; Chemical affinity; Chemical reaction; Colloids; Crystallography; Dissociation; Electrochemistry; Electrolysis; Ions; Isomerism; Liquefaction of gases; Liquid air; Melting points; Molecules; Osmosis; Periodic law; Photochemistry; Physics; Radioactivity; Solution (chemistry); Stereochemistry; Thermodynamics; Valency

- Physiological, *see* Physiological chemistry
- Sanitary, *see* Sanitary chemistry
- Technical**

See also Acetylene; Adulterations; Alcohol, Denatured; Ammonia; Animal products; Baking powder; Boiler scale; Brewing; Celluloid; Cellulose; Cement; Chemical engineering; Clay industries; Coal-tar colors; Coal-tar products; Corrosion and anti-corrosives; Distillation; Dyes and dyeing; Electrochemistry; Essences and essential oils; Explosives; Fermentation; Fireworks; Fuel; Gas; Glass manufacture; Glucose; Glue; Gums and resins; Gunpowder; Gutta-percha; Industrial arts; Ink; Leather; Matches; Metallurgy; Oils and fats; Paint; Paper; Perfumery; Petroleum; Receipts; Rubber; Soap; Sugar; Textile industry and fabrics; Varnish and varnishing; Waste products; Wood distillation

Chemists

See also Chemistry — History; Pharmacists

Chess

Chest

See also Anatomy; Auscultation; Heart; Lungs; Respiratory organs

Chickens *see* Poultry

Chief justices

See also Judges

Child labor

See also Apprentices; Compulsory education; Factory system; Hours of labor; Newsboys; Sweating system

Child life

See also Children in Japan [and in other countries]

Child saving *see* Children — Charities, protection, etc.

Child study

See also Children; Kindergarten; Libraries, Children's; Mothers' clubs; Play; Psychology, Educational; Youth

Childhood *see* Child life; Children

Children

See also Adoption; Birth rate; Boys; Busy work; Child labor; Child life; Child

Refer from Atomic theory; Atomic weights; Atoms; Boiling points; Catalysis; Chemistry. Mathematical (s); Colloids; Dissociation; Electrochemistry; Electrolysis; Liquefaction of gases; Liquid air; Molecules; Osmosis; Periodic law; Photochemistry; Physical chemistry (s); Physics; Solution (chemistry); Stereochemistry; Thermochemistry (s)

Refer from Adulterations; Animal products; Brewing; Chemical engineering; Chemical industries (s); Chemical technology (s); Chemistry, Industrial (s); Clay industries; Coal-tar colors; Coal-tar products; Distillation; Dyes and dyeing; Essences and essential oils; Explosives; Fermentation; Gas; Glass manufacture; Glucose; Gums and resins; Industrial arts; Industrial chemistry (s); Leather; Manufactures; Metallurgy; Oils and fats; Paint; Perfumery; Soap; Sugar; Technical chemistry (s); Technology; Textile industry and fabrics

Refer from Chemistry — History; Pharmacists; Scientists

Refer from Games

Refer from Anatomy; Breathing

Refer from Biography; Judges; Justices (s); Lawyers

Refer from Boys; Children; Children — Charities, protection, etc.; Children — Employment (s); Children — Law; Compulsory education; Factory laws; Factory system; Girls; Hours of labor; Labor and laboring classes; Social problems; Sweating system

Refer from Childhood (s); Children

Refer from Children; Education; Kindergarten; Mothers' clubs; Psychology; Psychology, Educational; School children; Teaching

Refer from Boys; Child study; Childhood (s); Conduct of life; Education; Family;

Children—Continued

study; Education, Elementary; Eugenics; Family; Fathers; Foundlings; Girls; Heredity; Home; Home education; Illegitimacy; Infants; Juvenile delinquency; Kindergarten; Libraries, Children's; Mothers; Orphans and orphan asylums; Parents; Play; Playgrounds; Precocity; Prenatal influences; School children; Sunday schools; Twins; Youth; *also* headings beginning Children, Children's

—Abnormal and backward

See also Auxiliary schools; Defectives; Feeble-minded; Idiocy

—Anecdotes and sayings

—Backward, *see* Children, Abnormal and backward

—Care and hygiene

See also Children — Diseases; Children — Management; Infants — Care and hygiene; Medical inspection of schools; Nurses and nursing; School hygiene; School lunches

—Charities, protection, etc.

See also Charity schools; Child labor; Crèches; Foundlings; Fresh air charity; Humane societies; Orphans and orphan asylums; Playgrounds

—Diseases

See also Children — Care and hygiene; Cholera infantum; Croup; Diphtheria; Diseases (s); Measles; Scarlet fever

—Education, *see* Education, Elementary; Home education; Kindergarten; *also* headings beginning School

—Employment, *see* Child labor

—Health, *see* Children — Care and hygiene

—Law

See also Child labor; Curfew law; Factory laws; Juvenile courts; Juvenile delinquency; Labor laws

—Management

See also Corporal punishment; Moral education

—Training, *see* Children — Management

Children in art *see* Children in literature and art

Children in Japan

See also Japan — Social life and customs

Children in literature and art

See also Children in poetry

Children in poetry

See also Children in literature and art

Children's books *see* Children's literature

Children's courts *see* Juvenile courts

Girls; Home; Home education; Infants; Kindergarten; Mothers; Parents; Sociology; Women; Young people (s); Youth

Refer from Abnormal children (s); Auxiliary schools; Backward children (s); Children, Backward (s); Defectives; Education, Elementary; Feeble-minded; Idiocy; Juvenile delinquency; Mentally deficient children (s); School children

Refer from Anecdotes; Children's sayings (s)

Refer from Children — Health (s); Children — Diseases; Diet; Hygiene; Infants — Care and hygiene; Nurses and nursing; Pediatrics (s)

Refer from Charities; Child saving (s); Dependent children (s); Foundlings; Humane societies; Orphans and orphan asylums; Poor

Refer from Children — Care and hygiene; Children's diseases (s); Infants — Diseases (s); Medicine — Practice; Pediatrics (s)

Refer from Children — Care and hygiene; Children — Training (s); Home training (s); Management of children (s); Moral education

Refer from Child life; Japan — Social life and customs

Refer from Art; Children in art (s); Children in poetry; Literature

Refer from Children in literature and art; Poetry; Poetry of childhood (s)

Children's crusade, 1212

See also Crusades

Children's diseases *see* Children — Diseases

Children's libraries *see* Libraries, Children's

Children's literature

See also Children's poetry; Fairy tales; Fiction in libraries; Kindergarten — Stories; Libraries, Children's; Libraries and schools; Picture books; School libraries; Sunday school libraries

Children's parties

Children's periodicals

Children's poetry

See also Children's literature; Children's songs; Nursery rhymes

Children's sayings *see* Children — Anecdotes and sayings

Children's sermons

Children's songs

See also Kindergarten — Games and songs; Nursery rhymes

Chills and fever *see* Malaria

Chimes and chiming

See also Bells

Chiming *see* Chimes and chiming

Chimney sweeping

Chimneys

See also Chimney sweeping; Fireplaces; Heating; Smoke; Ventilation

China (porcelain) *see* Pottery

China painting

See also Arts and crafts; Pottery

Chinaware *see* Pottery

Chinch bugs

See also Hemiptera

Chinese immigration *see* Chinese in the U. S. [and in other countries]

Chinese in the U. S.

Chinese-Japanese war, 1894-1895

See also China — History; Japan — History

Chinese language

See also Oriental languages

Chinese literature

See also Oriental literature

Chinese philosophy *see* Philosophy, Chinese

Chinese question *see* Eastern question (Far East); China — Foreign relations; China — History; Chinese in the U. S.

Chinese scale *see* San José scale

Chinese shadows *see* Shadow pantomimes

Chinook jargon

Chiromancy *see* Palmistry

Chiromancy *see* Palmistry

Chiropody

Chiroptera *see* Bats

Chirosophy *see* Palmistry

Refer from Crusades

Refer from Books and reading; Books and reading — Best books; Children's books (s); Children's poetry; Fiction in libraries; Juvenile literature (s); Libraries, Children's; Libraries and schools; Literature; Schools and libraries (s); Stories (s)

Refer from Entertaining; Parties (s)

Refer from Periodicals

Refer from Children's literature; Nursery rhymes; Poetry; Poetry of childhood (s)

Refer from Sermons

Refer from Children's poetry; Songs

Refer from Bells; Chiming (s); Church music; Ringing (s)

Refer from Chimneys; Sweeping

Refer from Architecture; Building; Fireplaces; Fires; Heating; Ventilation

Refer from Arts and crafts; Decoration and ornament; Painting; Pottery

Refer from Hemiptera; Insects, Injurious and beneficial

Refer from Chinese immigration (s); Chinese question (s); Race problems — U. S.; U. S. — Foreign population; U. S. — Foreign relations — China

Refer from China — History; Eastern question (Far East); Japan — History

Refer from Oriental languages

Refer from Oriental literature

Refer from Indians — Languages

Refer from Foot

Chivalry

See also Arthurian romances; Civilization, Medieval; Crusades; Courts of love; Feudalism; Heraldry; Honor; Knights and knighthood; Malta, Knights of; Middle ages; Romances; Templars; Teutonic knights; Tournaments

Chloroform

See also Anesthetics

Chocolate

See also Beverages; Cocoa

Choice of books *see* Books and reading

Choice of profession *see* Profession, Choice of

Choirs

See also Church music; Conducting (music); Singing and voice culture

Cholera, Asiatic**Cholera infantum****Choral music**

See also Chants; Church music. For scores *see* Choruses and part songs

Choral societies

See also Musical societies

Choruses and part songs

See also Anthems; Glee

Chouans

See also Vendean war

Christ *see* Jesus Christ

Christadelphians

Christendom *see* Christianity; Church history; History

Christening *see* Baptism

Christian antiquities

See also Architecture, Gothic; Baptism; Bible — Antiquities; Burial; Catacombs; Christian art and symbolism; Church architecture; Church furniture; Church vestments; Fasts and feasts; Funeral rites and ceremonies; Lord's supper; Marriage; Relics; Rites and ceremonies; Shrines; Tombs

Christian art and symbolism

See also Art; Bible — Pictorial illustrations; Catacombs; Cathedrals; Christian antiquities; Church architecture; Church decoration and ornament; Church furniture; Church vestments; Cross; Emblems; Jesus Christ in art; Madonnas; Rites and ceremonies; Saints in art; Sarcophagi

Christian biography

See also Apostles; Apostolic fathers; Archbishops; Bishops; Cardinals; Clergy — Biography; Fathers of the church; Hermits; Martyrs; Missionaries; Monasticism; Pilgrim fathers; Popes — Biography; Preachers; Puritans; Reformers; Saints; *also* names of churches, subhead Biography

Refer from Civilization, Medieval; Crusades; Feudalism; Heraldry; Knight-errantry (s); Knights and knighthood; Middle ages; Middle ages — Social life and customs; Religious orders; Templars; Tournaments

Refer from Anesthetics

Refer from Beverages; Cocoa; Confectionery; Food

Refer from Boy choirs (s); Church music; Conducting (music); Music; Singing and voice culture

Refer from Asiatic cholera (s); Contagion and contagious diseases; Epidemics; Medicine — Practice; Tropics — Diseases and hygiene
Refer from Children — Diseases

Refer from Chants; Church music; Music; Vocal music (s)

Refer from Musical societies; Singing and voice culture; Singing societies (s)

Refer from Choral music; Glee; Music — Scores; Part songs (s); Quartets, Vocal (s); Songs

Refer from French revolution; Vendean war

Refer from Brothers of Christ (s); Millennium; Second advent; Sects

Refer from Archaeology; Bible — Antiquities; Christian art and symbolism; Church antiquities (s); Church ceremonies (s); Church polity; Ecclesiastical antiquities (s); Rites and ceremonies

Refer from Archaeology; Architecture; Art; Art, Christian (s); Christian antiquities; Christian symbolism (s); Church architecture; Church decoration and ornament; Cross; Ecclesiastical art (s); Emblems; Iconography (s); Jesus Christ in art; Madonnas; Painting; Religious art (s); Sacred art (s); Saints in art; Symbolism

Refer from Biography; Church biography (s); Ecclesiastical biography (s); Martyrs; Missionaries; Religious biography (s)

Christian character *see* Christian life and character

Christian church (Disciples) *see* Disciples of Christ

Christian doctrine *see* Theology

Christian education *see* Religious education

Christian era

Christian ethics

See also Christian life and character; Conscience; Ethics; Sin; Social ethics

Christian evidences *see* Christianity — Evidences

Christian life and character

See also Character; Christian ethics; Christian work; Conduct of life; Conversion; Devotional exercises; Faith; Goodness; Monasticism; Prayer; Religious education; Revivals; Sanctification; Spiritual life

Christian names *see* Names, Personal

Christian perfection *see* Sanctification

Christian science

See also Mental healing

Christian socialism

See also Christian sociology

Christian sociology

See also Catholic church — Social relations; Christian socialism; Christian work; Church; Church and education; Church work; Institutional churches; Social ethics; Social problems; Social work

Christian symbolism *see* Christian art and symbolism

Christian union

See also Evangelical alliance

Christian work

See also Christian sociology; Church work

Christian year

See also Advent; Ash Wednesday; Christmas; Easter; Fasts and feasts; Good Friday; Holidays; Holy week; Lent

Christianity

See also Apostles; Bible; Christianity and other religions; Church; Church history, and other headings beginning Church; Civilization, Christian; Deism; God; Jesus Christ; Miracles; Missions; Protestantism; Reformation; Religion; Sects; Socialism and Christianity; Theism; Theology; *also* headings beginning Christian, and names of Christian churches and sects

Refer from Chronology

Refer from Christian life and character; Conscience; Ethics; Ethics, Christian (s); Sin; Social ethics

Refer from Character; Christian character (s); Christian ethics; Christianity, Practical (s); Conduct of life; Conversion; Ethics; Life; Personal religion (s); Practical theology (s); Religion, Personal (s); Religious experience (s); Sanctification; Spiritual life; Theology, Practical (s)

Refer from Absent treatment (s); Faith cure; Mental healing; Mind and body; Sects; Suggestive therapeutics; Therapeutics

Refer from Christian sociology; Church and social problems (s); Socialism; Socialism, Christian (s); Sociology

Refer from Christian socialism; Christian work; Christianity, Practical (s); Christianity and social problems (s); Church; Church and social problems (s); Church work; Religion and sociology (s); Social ethics; Social problems; Social work; Sociology; Sociology, Christian (s)

Refer from Church; Church polity; Church unity (s); Sects; Union, Christian (s)

Refer from Christian life and character; Christian sociology; Church work

Refer from Advent; Calendar; Church calendar (s); Church of England; Church year (s); Fasts and feasts; Holy week; Lent; Protestant Episcopal church in the U. S.

Refer from Bible; Christendom (s); Church; Church history; Deism; God; Jesus Christ; Natural religion; Philosophy; Religion; Religions; Revelation; Sociology; Theism; Theology

Christianity—Continued

—Evidences

See also Bible—Evidences and authority; Miracles; Religion and science

—History, *see* Church history

—Origin, *see* Church history—Early church

—Practical, *see* Christian life and character; Christian sociology

—Primitive, *see* Church history—Early church

Christianity and other religions

Christianity and science *see* Religion and science

Christianity and social problems *see* Christian sociology

Christianity and socialism *see* Socialism and Christianity

Christmas

See also Carols; Church decoration and ornament; Holidays; Jesus Christ—Birth; Magi; Santa Claus; *also* headings beginning Christmas

Christmas carols *see* Carols

Christmas entertainments

Christmas gifts

Christmas plays

Christmas poetry

See also Carols

Christmas stories

Christology *see* Jesus Christ

Chromatics *see* Color

Chromolithography

See also Color printing; Color prints; Lithography

Chromophotography *see* Color photography

Chromosomes *see* Karyokinesis

Chronograph

See also Astronomical instruments; Photochronograph

Chronology

See also Almanacs; Calendar; Christian era; Time; Year

—Biblical, *see* Bible—Chronology

—Historical

See also Bible—Chronology; History; *also* names of countries, subhead History—Chronology

Chronophotography *see* Moving pictures

Chutunes

Church

See also Christian sociology; Christian union; Christianity; Institutional churches; *also* headings beginning Church, and names of churches and sects

—Institutional, *see* Institutional churches

Church accounts *see* Church finance

Church and education

See also Bible in the schools; Catholic church—Education; Church schools; Public schools and religion; Religious education; Theology—Study and teaching

Refer from Apologetics (s); Bible—Evidences and authority; Christian evidences (s); Evidences of Christianity (s); Miracles; Religion

Refer from Christianity; Religions

Refer from Advent; Christian year; Fasts and feasts; Holidays; Jesus Christ—Birth; Santa Claus

Refer from Entertainments; Sunday school entertainments

Refer from Gifts

Refer from Drama

Refer from Poetry; Recitations and readings

Refer from Color; Color printing; Lithography

Refer from Astronomical instruments; Time

Refer from Almanacs; Astronomy; Calendar; Time; Year

Refer from Annals (s); Dates (s); History

Refer from Caves; Yucatan

Refer from Christian sociology; Christianity; Theology

Refer from Bible in the schools; Catholic church—Education; Christian sociology; Church and state; Church schools; Denominational schools (s); Education; Education and church (s); Religion and education (s); Religious education

Church and healing *see* Emmanuel movement;
Medicine and religion
Church and social problems *see* Christian
socialism; Christian sociology; Church work
Church and state

See also Asylum, Right of; Catholic
church; Church and education; Church his-
tory; Church of England — Establishment;
Church polity; Church property; Liberty of
conscience; Popes — Temporal power; Re-
ligious liberty; Socialism and Catholic
church; Socialism and Christianity; Taxa-
tion, Exemption from

Church antiquities *see* Christian antiquities

Church architecture

See also Abbeys; Architecture; Architec-
ture, Gothic; Basilicas; Cathedrals; Chap-
els; Christian art and symbolism; Church
decoration and ornament; Crypts; Mosques;
Orientation (architecture); Spires; Temples;
Towers

Church attendance

Church bells *see* Bells

Church benefices *see* Church property

Church biography *see* Christian biography

Church calendar *see* Christian year; Fasts and
feasts

Church census *see* Church statistics

Church ceremonies *see* Christian antiquities;
Fasts and feasts; Liturgies; Rites and cere-
monies

Church costume *see* Church vestments

Church councils *see* Councils and synods

Church decoration and ornament

See also Christian art and symbolism;
Church furniture; Floral decoration; Rood
screens

Church dedication

Church discipline

See also Absolution; Asceticism; Church
polity; Confession; Excommunication; In-
quisition; Interdict; Monasticism; Penance;
Purgatory; Simony

Church entertainments

See also Entertainments; Sunday school
entertainments

Church extension *see* Church work; Missions

Church fathers *see* Fathers of the church

Church festivals *see* Fasts and feasts

Church finance

See also Church property; Church rates;
Taxation, Exemption from; Tithes

Church furniture

See also Altars; Baptismal fonts; Pulpits;
Rood screens; Shrines

Church government *see* Church polity

Church history

See also Abbeys; Apostolic succession;
Bible; Canonization; Cathedrals; Catholice

Refer from Catholic church; Church history;
Church of England — Establishment; Church
polity; Disestablishment (s); Government;
Liberty of conscience; Persecution; Religious
liberty; State church (s)

Refer from Architecture; Architecture,
Ecclesiastical (s); Architecture, Gothic;
Basilicas; Cathedrals; Chapels; Christian
antiquities; Christian art and symbolism;
Churches (s); Ecclesiastical architecture (s);
Religious art (s); Spires; Temples

Refer from Church statistics; Churchgo-
ing (s); Public worship (s); Sunday; Worship

Refer from Christian art and symbolism;
Christmas; Church architecture; Church orna-
ment (s); Decoration and ornament; Floral
decoration; Interior decoration (s)

Refer from Church polity; Churches (s);
Consecration of churches (s); Dedication of
churches (s); Rites and ceremonies

Refer from Church membership; Church
polity; Discipline, Ecclesiastical (s); Ex-
communication; Penance

Refer from Church sociables (s); Church
work; Entertainments; Sociables (s); So-
cials (s); Sunday school entertainments

Refer from Church accounts (s); Church
property; Church rates; Finance; Tithes

Refer from Altars; Baptismal fonts; Chris-
tian antiquities; Christian art and symbolism;
Church decoration and ornament; Ecclesias-
tical furniture (s); Furniture; Pulpits

Refer from Bible; Catholic church — His-
tory; Christendom (s); Christianity; Chris-

Church history—Continued

church—History; Celibacy; Christianity; Church and state; Church law; Church polity; Convents and nunneries; Councils and synods; Creeds; Dissenters; Eastern churches; Episcopacy; Fathers of the church; Flagellants; Heresy; Huguenots; Inquisition; Jesuits; Jews; Martyrs; Miracles; Missions; Monasticism; Persecution; Popes—History; Protestantism; Reformation; Religious liberty; Religious orders; Revivals; Sects; Sisterhoods; Theology [for history of doctrines]; *also* headings beginning Christian, names of sects, churches, councils, etc., and names of countries and cities, subhead Religious history

—Early church

See also Arianism; Bible—New Testament—Apocryphal books; Catacombs; Donatists; Fathers of the church; Pelagianism

—Early church—Apostolic

See also Apostles; Apostolic fathers; Bible—New Testament

—Middle ages

See also Albigenses; Crusades; Flagellants; Middle ages—History; Popes—Temporal power; Schism, The great western, 1378–1417; Waldenses

—Reformation, *see* Reformation

—Modern

See also Covenanters; Dissenters; Jansenists; Reformation

Church law

See also Apostolic canons; Apostolic constitutions; Asylum, Right of; Benefit of clergy; Church history; Church polity; Church property; Councils and synods; Divorce; Marriage; Simony; Tithes; *also* names of churches, subhead Government

Church membership

See also Baptism; Church discipline; Church polity; Church statistics; Close communion; Confirmation; Covenants; Creeds; Lord's supper

Church music

See also Anthems; Bible—Music; Carols; Chants; Chimes and chiming; Choirs; Choral music; Hymns; Liturgies; Missals; Masses; Oratorios; Organ music

Church of Christ (Disciples) *see* Disciples of Christ

Church of Christ of latter-day saints *see* Mormons and Mormonism

Church of England

See also Anglican communion; Apostolic succession; Cathedrals; Catholic church; Christian year; Confirmation; Dissenters; England—Religious history; Episcopacy; Fasts and feasts; Nonjurors; Oxford movement; Protestant Episcopal church in the U. S.; Puritans; Ritualism; Sacraments; Sisterhoods

tianity—History (s); Church and state; Church law; Church polity; Councils and synods; Ecclesiastical history (s); Heresy; History; Martyrs; Popes—History; Reformation; Religious history (s); Sacred history (s); Theology

Refer from Arianism; Catacombs; Christianity—Origin (s); Christianity, Primitive (s); Donatists; Early church (s); Fathers of the church; Pelagianism; Primitive Christianity (s)

Refer from Apostles; Apostolic church (s); Apostolic fathers; Bible—New Testament

Refer from Middle ages—History; Popes—Temporal power; Schism, The great western, 1378–1417

Refer from Canon law (s); Church history; Church polity; Ecclesiastical law (s); Law

Refer from Church polity; Confirmation; Lord's supper

Refer from Anthems; Chants; Choirs; Choral music; Church services; Devotional exercises; Hymns; Music; Organ music; Psalmody (s); Sacred music (s); Songs; Vocal music (s); Worship

Refer from Anglican church (s); Anglican communion; Dissenters; England, Church of (s); England—Religious history; Episcopacy; Episcopal church (s); Nonjurors; Protestant Episcopal church in the U. S.; Puritans; Sects

Church of England—Continued

—Articles of religion

—Biography

See also Archbishops; Bishops; Church of England — Clergy

—Canons, *see* Church of England — Government

—Catechisms and creeds

See also Apostles' creed; Athanasian creed; Church of England — Articles of religion; Nicene creed

—Clergy

See also Apostolic succession; Archbishops; Bishops; Church of England — Directories; Episcopacy; Priests

—Constitution, *see* Church of England — Government

—Convocations

—Creeds, *see* Church of England — Catechisms and creeds

—Dioceses

See also names of dioceses

—Directories

See also Church of England — Yearbooks

—Doctrinal and controversial works

See also Marprelate controversy

—Establishment

See also Church and state

—Finance

See also Church rates; Tithes

—Government

See also Church of England — Royal supremacy

—History

See also England — Religious history; *also* names of dioceses

—Liturgy and ritual

See also Ritualism

—Missions

—Ritual, *see* Church of England — Liturgy and ritual

—Royal supremacy

—Thirty-nine articles, *see* Church of England — Articles of religion

—Yearbooks

Church of Jesus Christ of latter-day saints *see* Mormons and Mormonism

Church of Scotland

See also Covenanters; Presbyterian church; Presbyterianism; Reformation — Scotland; Scotland — Religious history

Church of the New Jerusalem *see* New Jerusalem church

Church ornament *see* Church decoration and ornament

Church polity

See also Absolution; Apostolic succession; Asceticism; Baptism; Benefit of clergy;

Refer from Articles, Thirty-nine (s); Church of England — Catechisms and creeds; Church of England — Thirty-nine articles (s); Thirty-nine articles (s)

Refer from Church of England — Creeds (s)

Refer from Apostolic succession; Archbishops; Bishops; Church of England — Biography

Refer from Church of England — Clergy

Refer from Church and state; Disestablishment (s); State church (s)

Refer from Church of England — Canons (s); Church of England — Constitution (s)

Refer from England — Religious history

Refer from Church of England — Ritual (s); Liturgies; Ritualism
Refer from Missions

Refer from Church of England — Government; Royal supremacy (Church of England) (s)

Refer from Church of England — Directories

Refer from Covenanters; Presbyterian church; Presbyterianism; Reformation — Scotland; Scotland — Religious history; Sects

Refer from Bishops; Church and state; Church discipline; Church government (s);

Brotherhoods; Cardinals; Celibacy; Christian antiquities; Christian union; Church and state; Church dedication; Church discipline; Church history; Church law; Church membership; Church property; Church rates; Clergy; Confession; Confirmation; Congregationalism; Councils and synods; Covenants; Deaconesses; Deacons; Episcopacy; Excommunication; Fasts and feasts; Free churches; Indulgences; Interdict; Liberty of conscience; Lord's supper; Methodism; Monasticism; Ordination; Penance; Popes; Preaching; Presbyterianism; Priests; Religious orders; Rites and ceremonies; Ritualism; Sacraments; Sisterhoods; Sunday; Tithes; Worship; *also* names of churches, subhead Government

Church property

See also Church finance; Convents and nunneries; Monasteries; Taxation, Exemption from

Church rates

See also Church finance; Tithes

Church schools

See also Church and education

Church services

See also Church music; Devotional exercises; Liturgies; Prayer meetings; Responsive worship; Worship

Church settlements *see* Social settlements

Church sociables *see* Church entertainments

Church statistics

See also Church attendance

Church unity *see* Christian union

Church vestments

See also Costume

Church work

See also Christian sociology; Christian work; Church entertainments; City missions; Deaconesses; Evangelistic work; Institutional churches; Missions; Pastoral work; Revivals; Social settlements; Sunday; Sunday schools

Church year *see* Christian year

Churches *see* Church architecture; Church dedication; Free churches; *also* individual churches, and names of cities, subhead Churches

Churchgoing *see* Church attendance

Churchyards *see* Cemeteries

Cicadas

See also Hemiptera

Church history; Church law; Church membership; Congregationalism; Ecclesiastical polity (s); Theology

Refer from Church and state; Church benefices (s); Church finance; Church law; Church polity; Property; Real estate; Taxation, Exemption from

Refer from Church finance; Church of England — Finance; Church polity; Dissenters; Tithes

Refer from Catholic church — Education; Church and education; Denominational schools (s); Diocesan schools (s); Parish schools (s); Parochial schools (s); Religious education; Schools

Refer from Devotional exercises; Liturgies; Public worship (s); Religious services (s); Worship

Refer from Church census (s); Church membership; Ecclesiastical statistics (s); Statistics

Refer from Christian antiquities; Christian art and symbolism; Church costume (s); Costume; Ecclesiastical costume (s); Ecclesiastical vestments (s); Regalia; Vestments (s)

Refer from Christian sociology; Christian work; Church and social problems (s); Church extension (s); Institutional churches

Refer from Hemiptera; Insects, Injurious and beneficial; Locusts; Seventeen-year locusts (s)

Cider

See also Beverages

Cigarettes

See also Smoking

Cigars

See also Cigarettes; Smoking; Tobacco

Cinematics *see* Kinematics**Cinematograph** *see* Moving pictures**Cipher codes** *see* Telegraph codes**Ciphers**

See also Abbreviations; Telegraph; Telegraph codes; Writing

Circle

See also Geometry

Circle-squaring

See also Geometry

Circulating libraries *see* Libraries**Circulation of the blood** *see* Blood**Circulatory system** *see* Vascular system**Circumcision**

See also Jews — Religion

Circumnavigation *see* Voyages and travels around the world**Circumstantial evidence** *see* Evidence**Circus**

See also Acrobats; Animals — Training; Clowns; Menageries

Cistercians

See also Benedictines; Monasticism; Trappists

Cities

See also Boroughs; City and country; City life; Garden cities; Hanseatic league; Housing problem; Markets; Municipal government, and other headings beginning Municipal; Parks; Slums; Street cleaning; Street cries; Streets; Towns

—Planning and laying out

See also Garden cities; Housing problem; Municipal art; Municipal centers; Municipal improvement; *also* names of cities, subhead Public buildings

Citizenship

See also Aliens; Allegiance; Civil rights; Education and citizenship; Expatriation; Government; Naturalization; Patriotism; Political ethics; School city

City and country

See also City life; Country life; Farm life

City gardens *see* Vacant lot cultivation**City government** *see* Municipal government**City improvement** *see* Municipal improvement**City life**

See also Bohemianism; City and country

City missions**City planning** *see* Cities — Planning and laying out**Civic art** *see* Municipal art**Civic centers** *see* Municipal centers**Civic improvement** *see* Municipal improvement

Refer from Apple; Beverages

Refer from Cigars; Smoking; Tobacco

Refer from Smoking; Tobacco

Refer from Abbreviations; Contractions (s); Cryptography (s); Cyphers (s); Secret writing (s); Sign language; Writing

Refer from Curves; Geometry

Refer from Geometry; Quadrature of the circle (s); Squaring of the circle (s)

Refer from Jews; Jews — Religion

Refer from Amusements; Clowns; Hippodrome (s); Menageries

Refer from Benedictines; Monasticism; Trappists

Refer from Boroughs; Local government; Municipal corporations; Municipal government; Municipalities (s); Sociology; Towns

Refer from City planning (s); Garden cities; Housing problem; Municipal art; Municipal centers; Municipal improvement

Refer from Aliens; Allegiance; Civics (s); Civil rights; Conduct of life; Elections; Expatriation; Foreigners (s); Government; International law; Naturalization; Patriotism; Political ethics; Public spirit (s); Suffrage

Refer from Cities; City life; Country life; Farm life

Refer from Cities; City and country

Refer from Charities; Church work; Missions, Home; Social settlements

Civics *see* Citizenship; Government; Municipal government; *also* names of countries, subhead Government

Civil engineering

See also Aqueducts; Arches; Blasting; Boring; Breakwaters; Bridges; Building; Canals; Cofferdams; Curves in engineering; Docks; Drainage; Dredging; Earthwork; Embankments; Engineering; Excavation; Foundations; Harbors; Hydraulic engineering; Irrigation; Lighthouses; Masonry; Mechanical engineering; Mensuration; Mining engineering; Piles and pile driving; Public works, and subhead Public works under names of countries and cities; Railroad engineering; Railroads — Construction; Reclamation of land; Rivers; Roads; Sanitary engineering; Steel construction; Streets; Strength of materials; Subways; Surveying; Tunnels; Walls; Water supply

Civil government *see* Government

Civil law

See also Law, and references under that subject

Civil liberty *see* Liberty

Civil rights

See also Citizenship; Constitutional law

Civil service

See also Bureaucracy; Campaign funds; Civil service examinations; Civil service pensions; Civil service reform; Nominations

—U. S.

See also Civil service reform; U. S.—Registers

Civil service examinations

Civil service pensions

See also Teachers — Salaries, pensions, etc.

Civil service reform

See also Municipal government — Commission plan; Political corruption

Civil war *see* England — History — Civil war and commonwealth; U. S.—History — Civil war

Civilization

See also Anglo-Saxons; Anthropology; Archaeology; Art; Culture; Degeneration; Education; Ethics; Ethnology; Eugenics; History; History — Philosophy; Industry; Inventions; Latin races; Man; Manners and customs; Migration of nations; Progress; Religions; Renaissance; Social problems; Society, Primitive; Sociology; Teutonic race; Tribes and tribal system; *also* names of countries, subhead Civilization

—Ancient

See also Industries, Primitive; *also* names of countries of antiquity, subhead Civilization

—Aryan

See also Aryans

Refer from Aqueducts; Breakwaters; Bridges; Building; Canals; Curves in engineering; Docks; Dredging; Earthwork; Embankments; Engineering; Engineering, Civil (s); Foundations; Harbors; Irrigation; Railroads — Construction; Roads; Surveying; Tunnels

Refer from Law; Roman law (s)

Refer from Citizenship; Constitutional law; Government; Law; Police power; Rights, Civil (s)

Refer from Administration (s); Government; Government officials (s); Office, Tenure of (s); Politics; Spoils system (s); Tenure of office (s)

Refer from U. S.—Civil service (s); U. S.—Government

Refer from Civil service; Competitive examinations (s); Examinations

Refer from Civil service; Old age pensions; Pensions

Refer from Civil service; Civil service — U. S.; Political corruption; Reform; U. S.—Politics

Refer from Anthropology; Archaeology; Culture; Education; Ethics; Ethnology; Government; History; History — Philosophy; Man; Progress; Social conditions (s); Social science (s); Sociology

Refer from History, Ancient; Industries, Primitive

Refer from Aryan civilization (s); Aryans

Civilization—Continued

—**Christian**

—**History**

—**Medieval**

See also Chivalry; Feudalism

—**Oriental**

—**Pagan**

Claims

See also Alabama claims; French spoliation claims; *also* names of countries, cities and wars, subhead Claims

Clairvoyance

See also Animal magnetism; Hypnotism; Mind reading; Psychical research; Psychometry (character reading, etc.); Thought transference

Clans

See also Highlands of Scotland; Society, Primitive; Tartans; Tribes and tribal system; *also* names of clans

Class day

Class distinction

See also Caste; Equality; Leisure class; Peerage; Precedence

Classical antiquities

See also Archaeology; Art, Greek; Art, Roman; Classical dictionaries; Greece—Antiquities; Mythology, Classical; Rome—Antiquities

Classical biography

See also Greece—Biography; Rome—Biography

Classical dictionaries

Classical education

See also Colleges and universities; Curriculum; Humanism

Classical geography *see* Geography, Ancient

Classical languages *see* Greek language; Latin language

Classical literature

See also Classicism; Greek literature; Latin literature

Classical mythology *see* Mythology, Classical

Classicism

See also Hellenism; Romanticism

Classification

See also Cataloging; Library science; *also* subhead Classification under various subjects, e.g. Botany—Classification

—**Decimal**

—**Expansive**

Clay

See also Bricks; Clay industries; Geology, Economic; Modeling

Refer from Christianity

Refer from Culture, Primitive (s); Primitive culture (s)

Refer from Chivalry; Feudalism; Medieval civilization (s); Middle ages—Civilization (s)

Refer from Oriental civilization (s)

Refer from Pagan civilization (s)

Refer from Finance; International law

Refer from Animal magnetism; Divination; Fortune telling; Mind reading; Psychical research; Second sight; Spiritualism; Thought transference

Refer from Feudalism; Highlands of Scotland; Scotland; Scottish clans (s); Society, Primitive; Tartans; Tribes and tribal system

Refer from Colleges and universities; Commencements; Student life

Refer from Equality; Leisure class; Precedence; Social classes (s); Society; Sociology

Refer from Archaeology; Art, Ancient; Greece—Antiquities; Rome—Antiquities

Refer from Biography; Greece—Biography; Rome—Biography

Refer from Classical antiquities; Dictionaries; History, Ancient; Mythology; Mythology, Classical; Reference books

Refer from Colleges and universities; Curriculum; Education; Education, Classical (s); Education, Higher (s); Higher education (s); Humanism; Humanities (s); Language

Refer from Greek literature; Latin literature; Literature

Refer from Art; Classical literature; Es-thetics; Hellenism; Literature; Romanticism

Refer from Bibliography; Books; Cataloging; Library science

Refer from Decimal classification (s); Dewey classification (s)

Refer from Cutter classification (s); Expansive classification (s)

Refer from Bricks; Geology, Economic; Soils

Clay industries

See also Bricks; Chemistry, Technical; Pottery; Tiles

Clay modeling *see* Modeling

Cleaning

See also Bleaching; Drying; Dyes and dyeing; House cleaning; Laundry; Soap; Street cleaning; Sweeping; Vacuum cleaning systems

Cleanliness

See also Baths and bathing; Disinfection and disinfectants; Sanitation

Clearing houses

See also Banks and banking; Exchange; Trust companies

Clearing of land

See also Lumber and lumbering

Clergy

See also Benefit of clergy; Bishops; Celibacy; Monasticism; Ordination; Pastoral work; Preachers; Preaching; Priests; *also* names of churches, subhead Clergy

—Biography

Cliff dwellers and cliff dwellings

See also Archaeology; Arizona — Antiquities; Mexico — Antiquities

Climate

See also Acclimatization; Cold; Health resorts; Medical geography; Meteorology; Physical geography; Rain; Seasons; Temperature; Weather; *also* names of countries and cities, subhead Climate

Climatology *see* Climate

Climbing plants

See also Botany — Physiology

Clinical medicine *see* Medicine — Practice

Clippings

See also Scrapbooks

Clocks and watches

See also Pendulum; Timekeepers

Cloisonné

See also Enamel

Cloisters *see* Convents and nunneries; Monasteries

Close communion

See also Baptists; Lord's supper

Closed shop *see* Open and closed shop

Cloth *see* Textile industry and fabrics

Clothing

See also Buttons; Consumers' leagues; Costume; Dress reform; Dressmaking; Fur; Garment cutting; Hosiery; Sumptuary laws; Sweating system; Tailoring; Textile industry and fabrics; Toilet; Underwear; Uniforms

Refer from Bricks; Chemistry, Technical; Clay; Industrial arts; Pottery; Tiles

Refer from Bleaching; Chemistry, Household; Dyes and dyeing; Laundry; Sanitary chemistry; Scouring (s)

Refer from Home economics; Hygiene; Sanitation

Refer from Banks and banking; Exchange

Refer from Agriculture; Land; Land clearing (s)

Refer from Church polity; Curates (s); Deacons; Ministers of the gospel (s); Ordination; Parsons (s); Pastoral theology (s); Pastoral work; Pastors (s); Preachers; Priests; Professions; Rectors (s); Theology; Theology, Pastoral (s)

Refer from Biography; Christian biography

Refer from Anthropology; Archaeology; Architecture, Ancient; Arizona — Antiquities; Ethnology; Indians; Mexico — Antiquities; Pueblos

Refer from Acclimatization; Climatology (s); Earth; Ethnology; Health resorts; Hygiene; Medical climatology (s); Medical geography; Meteorology; Physical geography; Temperature; Therapeutics; Weather

Refer from Botany; Botany — Physiology; Plants; Plants, Climbing (s); Vines (s)

Refer from Newspaper clippings (s); Newspapers; Press clippings (s); Quotations; Scrapbooks

Refer from Horology (s); Manufactures; Timekeepers; Watches (s)

Refer from Enamel; Shippo (s)

Refer from Baptism; Baptists; Church membership; Communion (s); Lord's supper

Refer from Costume; Dress (s); Dry goods; Fashion; Hygiene; Manufactures; Textile industry and fabrics

Clouds

See also Meteorology

Clover

Clowns

See also Circus; Fools

Clubs

See also Book clubs; Boys' clubs; Girls' clubs; Mothers' clubs; Neighborhood guilds; Societies; Study clubs; Women's clubs; Working women's clubs; Workingmen's clubs; *also* names of cities, subhead Clubs

Coaches and coaching

See also Carriages; Driving; Omnibuses; Roads

Coaching *see* Coaches and coaching

Coal

See also Briquets; Coal mines and mining; Coal regions; Coal-tar colors; Coal-tar products; Coaling stations; Coke; Gas; Geology, Economic; Lignite

Coal gas *see* Gas

Coal lands *see* Coal regions

Coal mines and mining

See also Anthracite coal strike, 1902; Coal regions; Mine accidents; Miners; Mining engineering, and references under that subject

Coal oil *see* Petroleum

Coal regions

See also Geology, Economic

Coal-tar colors

See also Chemistry, Technical; Dyes and dyeing

Coal-tar products

See also Chemistry, Technical; Coal-tar colors; Distillation; Gas; Oils and fats; Petroleum

Coaling stations

Coast artillery *see* Artillery

Coast changes

See also Erosion; Physical geography

Coast defense

See also Armor plate; Artillery; Mines, Submarine; *also* names of countries, subhead Defenses

Coast pilots *see* Pilot guides

Coasting

See also Tobogganing; Winter sports

Coats of arms *see* Devices; Heraldry

Cobalt

See also Metals

Cocaine

See also Anesthetics; Narcotic habit

Coccidae *see* Scale insects

Cocoa

See also Beverages; Chocolate

Cocoons

See also Silkworms

Refer from Meteorology

Refer from Feeding and feeding stuffs; Forage plants; Grasses; Hay

Refer from Circus; Harlequins (s)

Refer from Corporations; Societies

Refer from Amusements; Carriages; Coaching (s); Driving; Horsemanship; Locomotion; Riding (s); Stage-coaches (s); Vehicles

Refer from Anthracite coal (s); Bituminous coal (s); Carbon; Chemistry, Organic; Fuel; Geology; Geology, Economic; Lignite; Mineralogy

Refer from Coal; Mines and mineral resources

Refer from Coal; Coal lands (s); Coal mines and mining; Geology, Economic

Refer from Aniline colors (s); Chemistry, Technical; Coal; Coal-tar products; Color; Dyes and dyeing

Refer from Chemistry, Technical; Coal; Commercial products; Distillation; Gas; Petroleum

Refer from Coal; Navies; U. S.— Navy

Refer from Erosion; Ocean; Physical geography; Seashore

Refer from Armor plate; Defenses, National (s); Fortification; Harbor defense (s); Military art and science; Military engineering; Sea coast defense (s); U. S.— Defenses

Refer from Sports; Tobogganing; Winter sports

Refer from Metals

Refer from Anesthetics; Narcotic habit

Refer from Agricultural products; Agriculture — Tropics; Beverages; Chocolate

Refer from Insects

Codes, Telegraphic, *see* Telegraph codes

Codling moth

Refer from Fruit — Diseases and pests; Moths

Coeducation

See also Education of women

Coelenterata

See also Corals and coral islands; Invertebrates

Coffee

See also Beverages

Refer from Colleges and universities; Education; Education of women; Girls

Refer from Corals and coral islands; Invertebrates; Marine zoology; Polyps (s)

Refer from Agricultural products; Agriculture — Tropics; Beverages; Cookery; Stimulants

Coffee-houses *see* Coffeehouses

Coffeehouses

See also names of cities, subhead Hotels, taverns, etc.

Cofferdams

See also Bridges — Foundations and piers; Foundations; Piles and pile driving

Refer from Coffee-houses (s); Hotels; Inns

Refer from Bridges — Foundations and piers; Civil engineering; Dams; Foundations; Hydraulic engineering; Piles and pile driving

Cog-wheels *see* Gearing

Cogwheels *see* Gearing

Coheters

See also Wireless telegraphy

Refer from Electric apparatus and appliances; Electric waves; Wireless telegraphy

Coiffure *see* Hairdressing

Coinage

See also Bimetallism; Gold (as money); Legal tender; Mints; Money; Silver (as money)

Refer from Bimetallism; Bullion (s); Coins (s); Fiat money (s); Free coinage of silver (s); Gold (as money); Mints; Money; Numismatics; Silver (as money)

Coins *see* Coinage; Numismatics

Coke

Cold

See also Frost; Heat; Temperature

Refer from Carbon; Coal; Fuel

Refer from Climate; Freezing (s); Frost; Heat; Meteorology; Temperature

Cold (disease)

See also Bronchitis; Catarrh; Cough; Influenza; Respiratory organs — Diseases

Refer from Catarrh; Cough; Influenza; Medicine — Practice; Respiratory organs — Diseases

Cold storage

See also Food preservation and preservatives; Refrigeration and refrigerating machinery

Refer from Eggs; Food preservation and preservatives; Meat; Preservation of food (s); Refrigeration and refrigerating machinery; Refrigerators (s)

Coleoptera *see* Beetles

Collaboration

Refer from Authorship; Joint authorship (s); Literary collaboration (s)

Collecting *see* Collectors and collecting

Collective bargaining *see* Labor unions; Trade agreements

Collectivism *see* Communism; Socialism

Collectors and collecting

See also names of objects collected, e.g. Antiques; Autographs; Book collecting; Plants — Collection and preservation; Postage stamps

Collects *see* Prayer books; Prayers

College athletics

See also Athletics; Baseball; Basketball; Football; Rowing; School athletics; Track athletics

Refer from Athletics; Baseball; Basketball; College sports (s); Football; Games; Intercollegiate athletics (s); Physical education; Rowing; School athletics; Sports; Student life; Track athletics

College degrees *see* Degrees, Academic

College education, Value of

See also Culture

College entrance requirements

College fraternities *see* Fraternities, College

College gowns *see* Costume, Academic

College libraries *see* Libraries, College

College life *see* Student life

College periodicals *see* Students' periodicals

College plays

College poetry *see* College verse

College sermons

College settlements *see* Social settlements

College songs

College sports *see* College athletics

College stories

See also School stories

College students *see* Student life; Students

College theatricals *see* College plays

College verse

College yells *see* Yells

Colleges and universities

See also Agricultural colleges; Class day;

Classical education; Coeducation; Commencements; Costume, Academic; Curriculum; Degrees, Academic; Education; Education of women; Fraternities, College; Hazing; Medical colleges; Research; Scholarships; Self-government (in education); Student life; Student volunteer movement; Students; Students' periodicals; Taxation, Exemption from; University extension; Vocational education; *also* headings beginning College

— U. S.

See also Education — U. S.; National university for the U. S.

Collisions (railroad) *see* Railroads — Accidents

Collisions at sea

See also Admiralty; Rule of the road; Salvage; Shipwrecks; Signals; Wireless telegraphy

Colloids

See also Catalysis; Chemistry, Physical

Collotype

See also Heliotype; Photomechanical processes

Colonial architecture *see* Architecture, Colonial

Colonial furniture *see* Furniture, Colonial

Colonial history (U. S.) *see* U. S. — History — Colonial period

Colonial life and customs

See also Architecture, Colonial; Furniture, Colonial; New England — Social life and customs; U. S. — History — Colonial period; *also* names of the thirteen original states and their cities, subhead Social life and customs

Colonial wars *see* U. S. — History — Colonial period

Refer from Culture; Education; Education, Higher (s); Higher education (s)

Refer from Entrance examinations (s); Examinations; High schools

Refer from Amateur theatricals; College theatricals (s); Drama

Refer from Baccalaureate sermons (s); Sermons

Refer from Drinking songs; Student songs (s); Songs

Refer from Fiction; School stories; Student life

Refer from College poetry (s); Poetry

Refer from Classical education; Education; Education, Higher (s); Higher education (s); Schools; Student life; Students; Universities (s)

Refer from Education — U. S.; U. S. — Colleges and universities (s); U. S. — Universities (s)

Refer from Accidents; Admiralty; Disasters; Maritime law; Navigation; Shipwrecks

Refer from Catalysis; Chemistry, Physical; Solution (chemistry)

Refer from Heliotype; Photography; Photomechanical processes

Refer from Frontier and pioneer life; New England — Social life and customs; U. S. — History — Colonial period U. S. — Social life and customs

Colonies and colonization

See also Farm colonies; Frontier and pioneer life; Immigration and emigration; Imperialism; Military government; Penal colonies; *also* U. S.—Insular possessions, and names of other countries, subhead Colonies

Colonization *see* Colonies and colonization

Colonization of negroes *see* Africa — Colonization; Negroes — Colonization

Colophons

See also Title-pages

Color

See also Chromolithography; Coal-tar colors; Dyes and dyeing; Indigo; Light; Painting; *also* headings beginning Color

Color blindness

See also Color sense

Color of animals

See also Albinos and albinism; Color of insects; Mimicry (biology)

Color of flowers

See also Botany — Physiology; Color of plants; Fertilization of plants

Color of insects

Color of man

See also Albinos and albinism; Hair-

Color of plants

See also Botany — Physiology; Color of flowers

Color photography

Color printing

See also Chromolithography; Color photography; Color prints

Color prints

Color sense

See also Color blindness

Colored people *see* Negroes

Coloring of metals *see* Metal coloring

Colportage *see* Bible — Publication and distribution; Tracts

Columns

See also Architecture; Orders of architecture; Strength of materials

Combat, Trial by, *see* Wager of battle

Combination, Industrial

See also Employers' associations; Labor unions; Restraint of trade; Trusts

Refer from Colonization (s); Dependencies (s); Frontier and pioneer life; Government; History; Immigration and emigration; Imperialism; Sociology

Refer from Books; Cataloging; Incunabula; Printing; Title-pages

Refer from Chemistry; Chromatics (s); Dyes and dyeing; Esthetics; Light; Paint; Painting; Painting. Mechanical; Photometry; Pigments (s)

Refer from Blind; Color sense; Daltonism (s); Eye — Diseases and defects; Light; Sight

Refer from Animal coloration (s); Animals; Animals — Coloration (s); Biology; Evolution; Metachrosis (s); Mimicry (biology); Pigmentation (s); Variation (biology); Zoology

Refer from Botany; Botany — Physiology; Color of plants; Fertilization of plants; Flowers; Variation (biology)

Refer from Color of animals; Insects; Variation (biology)

Refer from Albinos and albinism; Anthropology; Complexion (s); Ethnology; Evolution; Face; Man; Negroes; Physiology; Pigmentation (s); Skin; Yellow races

Refer from Biology; Botany — Physiology; Color of flowers; Evolution; Plants; Plants — Color (s); Variation (biology)

Refer from Chromophotography (s); Color printing; Heliochromy (s); Photography; Photography, Color (s)

Refer from Chromolithography; Engraving; Printing

Refer from Chromolithography; Color printing; Engravings

Refer from Color blindness; Psychology; Psychology, Comparative; Senses and sensation; Sight; Vision (s)

Refer from Architecture; Orders of architecture; Pillars (s)

Refer from Cartels (economics) (s); Competition; Economics; Employers' associations; Industrial combination (s); Kartels (economics) (s); Labor and capital; Labor unions; Restraint of trade; Trades combination (s); Trusts

Combustion

See also Fire; Fuel; Heat; Mechanical draft; Smoke

Comedians *see* Actors; Comedy

Comedy

See also Burlesques; Drama

Comets

See also Astronomy

Comic histories

Comic literature *see* Humor; Satire

Comic operas *see* Operettas

Commandments

See also Bible — Old Testament — Exodus; Mosaic law

Commencements

See also Class day

Commentaries *see* Bible — Commentaries, and other subjects commented on

Commerce

See also Accounting; Advertising; Auctions; Balance of trade; Bankruptcy; Banks and banking; Boards of trade; Bookkeeping; Booksellers and bookselling; Business; Business depression; Canals; Capital; Carriers; Communication; Competition; Consumption (economics); Contraband of war; Contracts; Cooperation; Corporations; Credit; Debt; Economics; Embargo laws; Exchange; Fairs; Finance; Food supply; Foreign exchange; Freight; Fur trade; Gilds; Government regulation of industry; Grange; Hanseatic league; Harbors; Inland navigation; Insurance; Interest; International law; Interstate commerce; Labor unions; Loans; Manufactures; Maritime law; Marketing of farm produce; Markets; Merchants; Money; Monopolies; Navigation; Neutrality; Packing for shipment; Panics; Partnership; Pawnbroking; Prices; Profit sharing; Prosperity; Railroads; Reciprocity; Restraint of trade; Salesmanship; Shipping; Smuggling; Speculation; Stamp duties; Statistics; Steam navigation; Stock exchange; Stocks; Subsidies; Success; Tariff; Tariff question; Telegraph codes; Trade-marks; Trading companies; Transportation; Trust companies; Trusts; Warehouses; Waterways; Weights and measures; *also* headings beginning Commercial, names of articles of commerce, names of countries, subheads Commerce and Industries and resources, and names of cities, subheads Business and Industries

Commercial arithmetic *see* Arithmetic, Commercial

Commercial correspondence

—French

Commercial courts

Commercial crises *see* Business depression; Panics

Commercial education *see* Business education

Refer from Chemistry; Fire; Heat; Mechanical draft; Spontaneous combustion (s)

Refer from Burlesques; Comedians (s); Drama; Humor

Refer from Astronomy

Refer from History, Comic (s); Humor

Refer from Bible; Bible — Old Testament — Exodus; Decalogue (s); Ethics; Mosaic law; Ten commandments (s)

Refer from Colleges and universities; Graduation (s); High schools

Refer from Balance of trade; Business; Capital; Carriers; Communication; Consumption (economics); Economics; Exchange; Exportation (s); Exports (s); Finance; Foreign trade (s); Imports (s); Industrial arts; Manufactures; Merchandise (s); Merchants; Money; Navigation; Ocean; Railroads; Shipping; Tariff; Trade (s); Transportation

Refer from Business correspondence (s); Business education; Correspondence (s); Letter writing

Refer from French language

Refer from Commercial law; Courts

Commercial ethics *see* Business ethics

Commercial geography

See also Anthropogeography; Commercial products; Manufactures; Natural resources; Transportation

Commercial law

See also Administrators and executors; Admiralty; Agency; Arbitration and conciliation; Industrial; Assignments; Attachment; Auditing; Bailments; Bankruptcy; Brokers and factors; Business; Carriers; Commercial courts; Competition; Consuls; Contracts; Conveyancing; Corporation law; Debt; Deeds; Exchange; Foreign exchange; Forms (in law); Guaranties and sureties; Insurance; Joint-stock companies; Landlord and tenant; Liens; Maritime law; Mortgages; Negotiable instruments; Notaries; Partnership; Property; Real estate; Sale; Trust companies; Trustees; Trusts; *also* subhead Law under various subjects, e.g. Banks and banking — Law

Commercial paper *see* Negotiable instruments

Commercial products

See also Agricultural products; Animal products; Coal-tar products; Commercial geography; Forest products; Manufactures; Natural resources; *also* names of individual products, e.g. Asphalt, Petroleum; and names of countries, subhead Industries and resources

Commercial ratings *see* Credit guides

Commercial schools *see* Business education

Commercial travelers

See also Peddlers and peddling; Salesmanship

Commercial treaties

See also Reciprocity; Tariff; *also* names of countries, subhead Treaties

Commission government *see* Municipal government — Commission plan

Committees

See also Legislative bodies; Parliamentary practice

Common carriers *see* Carriers

Common lands *see* Commons

Common law

See also Law, and references under that subject

Common schools *see* Public schools

Common sense

Commonplace books

Commons

See also Mark (land); Parks; Vacant lot cultivation; Village communities

Commonwealth of England *see* England — History — Civil war and commonwealth

Commune, Paris, *see* France — History — Third republic, 1870—; Paris — History — Siege and commune

Refer from Commercial products; Economic geography (s); Geography; Geography, Commercial (s); Geography, Economic (s); Natural resources

Refer from Admiralty; Agency; Assignments; Bailments; Bankruptcy; Business; Business education; Business law (s); Carriers; Consuls; Contracts; Corporation law; Debt; Forms (in law); Guaranties and sureties; Law; Mercantile law (s); Merchants; Negotiable instruments; Partnership; Sale

Refer from Agricultura products; Animal products; Commercial geography; Forest products; Natural resources; Products, Commercial (s); Raw materials (s)

Refer from Agents (s); Business; Drummers (s); Merchants; Salesmanship; Salesmen, Traveling (s); Traveling salesmen (s); Travelers

Refer from Favored nation clause (s); Most favored nation clause (s); Reciprocity; Tariff; Treaties

Refer from Legislative bodies; Parliamentary practice

Refer from Law

Refer from Judgment; Psychology
Refer from Literature

Refer from Common lands (s); Land tenure; Parks

Communication

See also Carriers; Commerce; Newspapers; Postal service; Printing; Railroads; Telegraph; Telegraph codes; Telephone; Transportation; Waterways; Wireless telegraphy

Communion *see* Close communion; Lord's supper

Communism

See also Anarchism and anarchists; Harmonists; Individualism; Land nationalization; Shakers; Socialism; Tribes and tribal system; Village communities; *also* names of communities, e.g. Brook Farm

Communities *see* Communism; Village communities; *also* names of communities

Commutators

See also Dynamos; Electric motors

Comparative anatomy *see* Anatomy, Comparative

Comparative morphology *see* Anatomy, Comparative; Morphology

Comparative mythology *see* Mythology

Comparative philology *see* Language—Comparative philology

Comparative physiology *see* Physiology, Comparative

Comparative psychology, *see* Psychology, Comparative

Comparative religion *see* Religions

Compass

See also Magnetism, Terrestrial

Compassion *see* Sympathy

Compensation *see* Bounties; Damages; Employers' liability; Indemnity; Pensions; Rewards (prizes, etc.); Salaries; Wages

Competition

See also Combination, Industrial; Department stores; Monopolies; Supply and demand; Trusts

Competitive examinations *see* Civil service examinations; Examinations

Complexion *see* Beauty, Personal; Color of man; Cosmetics

Composers *see* Musicians

Composing machines *see* Typesetting machines

Composite photography *see* Photography, Composite

Composition (art)

See also Art; Painting; Proportion (art)

Composition (English)

See also Letter writing; Rhetoric

Composition (music)

See also Canon (music); Counterpoint; Fugue; Harmony; Instrumentation and orchestration; Melody; Music; Musical accompaniment

Composition (printing) *see* Typesetting

Refer from Carriers; Commerce; Economics; Transportation

Refer from Collectivism (s); Communities(s); Cooperation; Economics; Government; Individualism; Labor and laboring classes; Land nationalization; Profit sharing; Property; Socialism; Socialistic communities (s); Sociology; Village communities

Refer from Armatures; Dynamos; Electric machinery; Electric motors; Electromagnets

Refer from Declination of the compass (s); Magnetic needle (s); Magnetism; Magnetism, Terrestrial; Mariner's compass (s); Navigation; Surveying instruments; Variation of the compass (s)

Refer from Business; Business ethics; Commerce; Commercial law; Economics; Monopolies; Supply and demand; Trusts

Refer from Art; Painting; Proportion (art)

Refer from Composition (rhetoric) (s); English composition (s); English language; English language — Composition (s); Rhetoric

Refer from Music; Music — Theory; Musical composition (s)

Composition (rhetoric) *see* Composition (English); Letter writing; Rhetoric; *also* names of languages other than English, e.g. German language — Composition

Compressed air

See also Air compressors; Caisson disease; Pneumatic tubes; Vacuum cleaning systems

Refer from Air; Air compressors; Air engines; Caissons; Foundations; Motors; Pneumatic transmission (s); Pneumatic tubes; Power; Power transmission

Compressed air disease *see* Caisson disease

Compressibility

See also Elasticity; Matter

Refer from Hydrostatics; Matter; Physics

Compromise

Refer from Ethics; Political ethics

Compulsory education

See also Child labor; Illiteracy; School attendance; School laws; Truancy

Refer from Child labor; Education; Education, Compulsory (s); School attendance; School laws

Compulsory insurance *see* Insurance, State and compulsory

Concentration *see* Attention

Concentration camps

See also South African war, 1899-1903

Refer from Camps (military); Military art and science; Prisoners of war

Concentration of schools *see* Schools — Centralization

Concert halls *see* Music halls

Concerts

Refer from Amusements; Entertainments; Music

Conchology *see* Mollusks

Conciliation, Industrial, *see* Arbitration and conciliation, Industrial

Concordances *see* Bible — Concordances, and names of authors to whose works concordances have been made

Concrete

See also Asphalt; Building materials; Cement; Concrete, Reinforced; Concrete construction; Concrete pottery; Masonry; Pavements; Stone, Artificial

Refer from Béton (s); Building materials; Cement; Concrete, Reinforced; Foundations; Masonry; Pavements; Stone, Artificial

—Reinforced

See also Building materials; Concrete; Concrete construction

Refer from Armored concrete (s); Building materials; Concrete; Concrete construction; Concrete steel (s); Ferro-concrete (s); Reinforced concrete (s); Steel construction

Concrete construction

See also Concrete, Reinforced; Fireproof construction

Refer from Architecture; Building; Concrete; Concrete, Reinforced; Fireproof construction; Steel construction

Concrete pottery

Refer from Concrete; Garden ornaments and furniture; Pottery

Concrete steel *see* Concrete, Reinforced

Concretions

See also Geology

Refer from Geology

Condemnation of land *see* Eminent domain

Condemned books *see* Prohibited books

Condensation

See also Atmospheric nucleation

Refer from Atmospheric nucleation; Chemistry; Physics

Condensers (electricity)

See also Electrostatics

Refer from Electric apparatus and appliances, Electric condensers (s); Electrostatics; Induction coils

Condensers (steam)

See also Steam engines

Refer from Steam; Steam engines

Condiments

See also Salt; Spices

Refer from Food; Salt; Spices

Conduct of life

See also Altruism; Ambition; Asceticism; Avarice; Boys; Business ethics; Character; Charity; Cheerfulness; Children; Christian life and character; Citizenship; Conversation; Courage; Courtesy; Culture; Duty; Eccentricity; Egoism; Ethics; Etiquet; Extravagance; Friendship; Gentlemen; Girls; Habit; Honesty; Idleness; Justice; Kindness; Leisure; Life; Loyalty; Obedience; Opportunity; Patience; Patriotism; Popularity; Procrastination; Prudence; Self-control; Self-culture; Self-denial; Self-reliance; Self-respect; Selfishness; Simple life; Solitude; Spiritual life; Standard of living; Success; Temperance; Thrift; Virtue; Work; Worry; Young men; Young women; Youth

Conducting (music)

See also Bands (music); Choirs; Orchestras

Conductivity, Electric, *see* Electric conductivity

Conductors, Electric, *see* Electric conductors

Conduits *see* Aqueducts

Confectionery

See also Chocolate; Ices

Confederacies *see* Federal government

Confession

See also Absolution; Penance; Sin

Confessions of faith *see* Creeds

Confirmation

See also Church membership; Lord's supper

Confiscation

Conflagrations *see* Fires

Confucianism

See also Ancestor worship; Buddhism; China — Religion; Taoism

Congregationalism

See also Antinomianism; Baptists; Brownists; Calvinism; Church polity; Dissenters; Friends, Society of; New England — Religious history; Orthodoxy; Presbyterianism; Puritans; Unitarianism; Universalism

Congress, U. S., *see* U. S. — Congress

Congresses *see* names of bodies holding congresses; or, when not held by any named body, *see* name of congress, if distinctive, otherwise name of place of meeting

Conic sections

See also Curves; Ellipse; Geometry, Analytic; Mathematics

Conjuring

See also Conjurers; Magic; Medicine men; Voodooism; Witchcraft

Conjurors

Connecticut Reserve *see* Western Reserve

Refer from Behavior (s); Character; Christian life and character; Duty; Ethics; Ethics, Practical (s); Life; Practical ethics (s); Self-help (s); Success; Young men; Young women

Refer from Bands (music); Choirs; Orchestras

Refer from Candy (s); Cookery; Manufactures; Sugar

Refer from Absolution; Auricular confession (s); Catholic church; Church discipline; Church polity; Penance; Repentance; Sin; Theology

Refer from Church membership; Church of England; Church polity; Protestant Episcopal church in the U. S.; Rites and ceremonies; Sacraments; Theology

Refer from International law; Law; Property

Refer from Ancestor worship; China — Religion; Religions

Refer from Baptists; Brownists; Calvinism; Church polity; Dissenters; Independents (church polity) (s); New England — Religious history; Orthodoxy; Puritans; Sects

Refer from Curves; Ellipse; Geometry; Geometry, Analytic; Mathematics

Refer from Amusements; Illusions and hallucinations; Juggling (s); Legerdemain (s); Magic; Necromancy (s); Prestidigitation (s); Sleight of hand (s)

Refer from Biography; Conjuring

Consanguinity

See also Deaf and dumb; Degeneration; Epilepsy; Family; Idiocy; Insanity; Marriage

Refer from Ethnology; Eugenics; Heredity; Kinship (s); Marriage; Relationship (s); Tribes and tribal system

Conscience

See also Christian ethics; Liberty of conscience

Refer from Cases of conscience (s); Casuistry (s); Christian ethics; Duty; Ethics; Religion; Theology

Consciousness

See also Automatism; Knowledge; Perception; Personality; Psychology; Reaction time; Senses and sensation; Subconsciousness

Refer from Automatism; Metaphysics; Personality; Psychology

Conscription

See also Draft riot, 1863; Military service; Recruiting and enlistment

Refer from Drafting, Military (s); Military art and science; Military service; Recruiting and enlistment

Consecration of churches *see* Church dedication

Conservation of energy *see* Force and energy

Conservation of resources

See also Forests and forestry; Mines and mineral resources; Natural resources; Reclamation of land; Water power

Refer from Forests and forestry; Natural resources; Resources (s)

Conservatories *see* Greenhouses

Consolation

Refer from Affliction; Death; Devotional exercises; Religion; Suffering

Consolidation of schools *see* Schools—Centralization

Conspiracies

See also Assassination; Gunpowder plot; Popish plot

Refer from Crime and criminals; Criminal law; History

Constables

See also Arrest; Police

Refer from Arrest; Law; Police; Town officers

Constants *see* Units

Constellations *see* Astronomy; Stars

Constitutional history

See also Aristocracy; Cabinet system; Constitutions; Democracy; *also* names of countries and states, subhead Constitution

Refer from Constitutions; Government; History; History, Constitutional (s)

Constitutional law

See also Amendments (parliamentary practice); Civil rights; Constitutions; Democracy; Eminent domain; Executive power; Federal government; Government; Habeas corpus; Injunctions; Jurisdiction; Jury; Legislative bodies; Monarchy; Natural law; Police power; Proportional representation; Referendum; Representative government and representation; Republics; Sovereignty; Suffrage

Refer from Civil rights; Constitutions; Eminent domain; Executive power; Government; Habeas corpus; Jurisdiction; Jury; Law; Police power; Representative government and representation; Sovereignty; U. S.—Constitution

Constitutions

See also Constitutional history; Constitutional law; Government; Representative government and representation; *also* names of countries and states, subhead Constitution —Apostolic, *see* Apostolic constitutions

Refer from Constitutional history; Constitutional law; Government; Law

—State

See also State governments; *also* names of states, subhead Constitution

Refer from State constitutions (s); State governments; States (U. S.); U. S.—Constitution

Construction *see* Architecture; Building; Engineering

Consular service *see* Consuls; Diplomatic and consular service

Consuls

See also Commercial law; Diplomacy; Diplomatic and consular service; Exterritoriality; *also* names of countries, subhead Diplomatic and consular service

Consumers' leagues

See also Sweating system

Consumption *see* Tuberculosis

Consumption (economics)

See also Commerce; Economics; Industry; Prices; Supply and demand

Contact action *see* Catalysis

Contagion and contagious diseases

See also Bacteriology; Disinfection and disinfectants; Epidemics; Flies; Fumigation; Germ theory of disease; Immunity; Inoculation; Insects as carriers of contagion; Mosquitoes; Putrefaction; Quarantine; Rats as carriers of contagion; Vaccination; *also* names of diseases, e.g. Black death; Cholera, Asiatic; Diphtheria; Measles; Plague; Scarlet fever; Smallpox; Typhoid fever; Yellow fever

Contagious diseases *see* Contagion and contagious diseases

Contemporaries *see* Biography

Contentment

See also Cheerfulness; Happiness

Continents

See also Physical geography

Continuation schools *see* Evening and continuation schools

Continuous current machinery *see* Electric machinery

Contraband of war

See also Neutrality; Trent affair, 1861

Contract labor

See also Coolies; Indentured servants; Padrone system; Peonage

Contractions *see* Abbreviations; Ciphers

Contracts

See also Agency; Assignments; Bailments; Bonds; Building — Contracts and specifications; Commercial law; Covenants; Debt; Deeds; Guaranties and sureties; Insurance; Master and servant; Mortgages; Negligence; Partnership; Sale; Trade agreements

Contributory negligence *see* Negligence

Controllers, Electric, *see* Electric controllers

Conundrums *see* Riddles

Convalescent homes

Conventions *see* names of bodies holding conventions; or, when not held by any named body, *see* name of convention if distinctive, otherwise name of place of meeting; *also* names of countries and cities, subhead Conventions and public meetings

Conventions, Political, *see* Political conventions

Refer from Commercial law; Consular service (s); Diplomacy; Diplomatic and consular service; Diplomats; Exterritoriality; International law; International relations

Refer from Boycott; Clothing; Food adulteration and inspection; Hygiene, Public; Labor and laboring classes; Sweating system

Refer from Commerce; Economics; Luxury; Supply and demand

Refer from Contagious diseases (s); Diseases (s); Epidemics; Hygiene, Public; Immunity; Infection and infectious diseases (s); Medicine; Medicine — Practice; Pathology; Putrefaction; Zymotic diseases (s)

Refer from Ethics; Gladness (s); Happiness; Pleasure

Refer from Geography; Physical geography

Refer from Commerce; International law; Maritime law; Neutrality; Prizes (international law); War

Refer from Indentured servants; Labor and laboring classes; Padrone system; Peonage

Refer from Agency; Agreements (s); Commerce; Commercial law; Law

Refer from Hospitals; Sanatoriums

Convents and nunneries

See also Abbeys; Monasteries; Monasticism; Nuns; Religious orders

Conversation

See also Table-talk

Conversion

See also Christian life and character; Evangelistic work; Grace (theology); Missions; Regeneration (theology); Repentance; Revivals; Salvation

Converters, Electric, *see* Electric current converters

Conveyancing

See also Deeds; Forms (in law); Land titles; Mortgages; Real estate; Torrens system

Conveying machinery

See also Cableways; Hoisting machinery; Mining machinery; Pneumatic tubes; Telpherage

Conveyors *see* Conveying machinery

Convict labor

See also Prisons

Conviction *see* Belief; Certainty

Convicts *see* Convict labor; Crime and criminals; Discharged prisoners; Penal colonies; Prisons

Cook books *see* Cookery

Cookbooks *see* Cookery

Cookery

See also Aladdin oven; Baking; Baking powder; Bread; Breakfasts; Cake; Canning and preserving; Carving (meat, etc.); Catering; Cereals, Prepared; Chafing dish; Coffee; Confectionery; Cookery for the sick; Cooking schools; Desserts; Diet; Dinners and dining; Fireless cookers; Fish as food; Flavoring extracts; Food; Home economics; Kitchen; Luncheons; Menus; Ovens; Pastry; Salads; Sandwiches; Sauces; Soup; Table; Yeast

—Eggs

—Meat

—Mushrooms

—Vegetables

Cookery for the sick

See also Diet

Cooking *see* Cookery

Cooking schools

Coolies

See also Labor and laboring classes —

China; Labor and laboring classes — India

Cooling appliances *see* Refrigeration and refrigerating machinery

Cooperage

Cooperation

See also Benefit societies; Brook Farm; Building and loan associations; Communism;

Refer from Abbeys; Catholic church; Church history; Church property; Cloisters (s); Monasteries; Monasticism; Nunneries (s); Nuns; Sisterhoods

Refer from Conduct of life; Etiquet; Language; Rhetoric; Self-culture; Society; Speech; Talking (s)

Refer from Christian life and character; Evangelistic work; Missions; Regeneration (theology); Religious experience (s); Repentance; Revivals; Salvation; Theology

Refer from Commercial law; Deeds; Forms (in law); Land titles; Land transfer (s); Law; Property; Real estate; Sale; Torrens system

Refer from Cableways; Conveyors (s); Hoisting machinery; Machinery; Mining machinery; Telpherage

Refer from Convicts (s); Crime and criminals; Labor and laboring classes; Prison labor (s); Prisons

Refer from Baking; Bread; Breakfasts; Canning and preserving; Carving (meat, etc.); Chemistry, Household; Cook books (s); Cookbooks (s); Cooking (s); Desserts; Diet; Dinners and dining; Domestic arts; Eating; Food; Gastronomy (s); Home economics; Industrial arts; Kitchen; Luncheons; Pastry; Receipts; Recipes (s); Salads; Sauces; Soup; Table

Refer from Eggs

Refer from Meat

Refer from Mushrooms

Refer from Vegetables

Refer from Cookery; Diet; Food for invalids (s); Invalid cookery (s); Nurses and nursing

Refer from Cookery

Refer from Contract labor; Labor and laboring classes

Refer from Barrels (s); Casks (s); Manufactures; Staves (s)

Refer from Association (s); Commerce; Cooperative stores (s); Economics; Labor and

- Cooperative agriculture; Cooperative house-keeping; Labor unions; Profit sharing; Savings banks; Socialism
- Cooperative agriculture**
 Cooperative banks *see* Building and loan associations
 Cooperative building associations *see* Building and loan associations
- Cooperative housekeeping**
Refer from Cooperation; Home economics; Housekeeping (s)
- Cooperative stores *see* Cooperation
- Coordinate geometry *see* Geometry, Analytic
- Copper**
See also Brass; Bronze; Copper mines and mining; Copper smithing; Metals
- Copper age**
See also Archaeology; Bronze age
- Copper mines and mining**
Refer from Metals; Sheet-metal work
- Coppersmithing**
See also Arts and crafts; Metal coloring
- Coptic church**
See also Eastern churches; Egypt — Religion
- Coptic language**
See also African languages; Hamitic languages
- Copyright**
See also Authorship; Books; Booksellers and bookselling; Publishers and publishing; Titles of books
- Corals and coral islands**
See also Coelenterata
- Cordage**
See also Fibers; Knots and splices; Rope
- Corn**
See also Feeding and feeding stuffs; Grain
- Corn laws**
Refer from Agricultural laws; Agriculture; Economics; England — Economic conditions; Food supply; Tariff; Tariff — England
- Corners, Commercial, *see* Monopolies; Speculation; Stock exchange; Trusts
- Cornices**
See also Architecture
- Cornish language**
See also Celtic languages
- Coronations**
See also Crowns
- Coroners**
Refer from Children — Management; Flogging; Punishment; Rod, The (s); School management; Teaching; Whipping (s)
- Corporal punishment**
See also Flogging; School management
- Corporation law**
See also Commercial law; Municipal law; Railroads — Law; Trusts
- capital; Labor and laboring classes; Labor unions; Profit sharing; Rochdale system (s); Socialism; Sociology
Refer from Agriculture; Cooperation
- Refer from* Cooperation; Home economics; Housekeeping (s)
- Refer from* Metals; Sheet-metal work
- Refer from* Archaeology; Bronze age
- Refer from* Copper; Mines and mineral resources
- Refer from* Arts and crafts; Copper; Metal coloring; Metal work
- Refer from* Eastern churches; Egypt — Religion; Greek church
- Refer from* African languages; Egyptian language; Hamitic languages
- Refer from* Authors; Authorship; Books; Booksellers and bookselling; Intellectual property (s); International copyright (s); Law; Literary property (s); Literature; Play-right (s); Property; Property, Intellectual (s); Publishers and publishing
- Refer from* Coelenterata; Islands
- Refer from* Hemp; Rope
- Refer from* Feeding and feeding stuffs; Forage plants; Grain; Indian corn (s); Maize (s)
- Refer from* Agricultural laws; Agriculture; Economics; England — Economic conditions; Food supply; Tariff; Tariff — England
- Refer from* Architecture
- Refer from* Celtic languages
- Refer from* Crowns; Monarchy; Pageants; Rites and ceremonies
- Refer from* County officers; Death; Inquests, Coroners' (s); Law; Local government
- Refer from* Children — Management; Flogging; Punishment; Rod, The (s); School management; Teaching; Whipping (s)
- Refer from* Commercial law; Corporations; Government regulation of industry; Law; Municipal law; Trusts

Corporations

See also Bankruptcy; Bonds; Building and loan associations; Clubs; Corporation law; Gilds; Government ownership; Investments; Joint-stock companies; Municipal corporations; Promoting; Public service corporations; Publicity; Receivers; Stocks; Trust companies; Trusts

—Taxation

Corpulence

Correlation of forces *see* Force and energy

Correspondence *see* Commercial correspondence; Letter writing; Letters; Reporting; War correspondence

Correspondence schools and courses

Corrosion and anti-corrosives

See also Paint; Waterproofing

Corrupt practices at elections *see* Elections;

Political corruption

Corruption in politics *see* Political corruption

Corsairs *see* Pirates

Corundum

See also Abrasives

Cosmetics

See also Beauty, Personal; Make-up, Theatrical; Perfumery; Toilet

Cosmogony *see* Universe

Cosmography *see* Universe

Cosmology *see* Universe

Cossacks

See also Russia — History

Cost

See also Prices; Value

Cost accounting

See also Accounting

Cost of living

See also Prices; Rent; Standard of living; Thrift; Wages

Costs

See also Pleading and practice

Costume

See also Boots and shoes; Church vestments; Clothing; Cosmetics; Dandies; Dress reform; Dressmaking; Fans; Fashion; Gloves; Hairdressing; Hats; Headgear; Hosiery; Jewelry; Livery; Masks (for the face); Millinery; Perfumery; Regalia; Shawls; Toilet; Umbrellas; Uniforms

—Academic

Refer from Associations (s); Bonds; Business; Capitalization (finance) (s); Charters; Commerce; Finance; Government regulation of industry; Joint-stock companies; Partnership; Promoting; Societies; Stock companies (s); Stocks; Trusts

Refer from Franchise taxation (s); Taxation

Refer from Fat (s); Food; Obesity (s)

Refer from Education; Home education; Schools; Self-culture; Technical education; University extension

Refer from Anti-corrosive paint (s); Chemistry, Technical; Electrolysis; Iron; Metal corrosion (s); Metal protection (s); Metals; Paint; Rust (s); Rustless coatings (s); Steel; Steel construction; Waterproofing

Refer from Abrasives

Refer from Beauty, Personal; Complexion (s); Costume; Face; Make-up, Theatrical; Toilet

Refer from Ethnology — Russia; Russia — History

Refer from Economics; Value

Refer from Accounting; Bookkeeping; Factory costs (s); Factory management; Manufactures; Scientific management

Refer from Economics; Food; Home economics; Household expenses (s); Labor and laboring classes; Living, Cost of (s); Living expenses (s); Poor; Price of food (s); Prices; Social problems; Standard of living; Thrift; Wages

Refer from Actions at law; Law; Pleading and practice

Refer from Archaeology; Art; Beauty, Personal; Church vestments; Clothing; Dress (s); Ethnology; Fancy dress (s); Fans; Fashion; Gloves; Hairdressing; Hats; Headgear; Manners and customs; Masquerades; Millinery; Regalia; Style (in dress) (s); Toilet; Uniforms; Women

Refer from Academic costume (s); Cap and gown (s); Caps and gowns (s); College gowns (s); Colleges and universities; Hooda Academic (s)

Costume—Continued

—Military, *see* Arms and armor; Uniforms
—U. S.

Refer from U. S.—Costume (s); U. S.—Social life and customs

Cottillion

See also Balls (parties); Dancing

Refer from Balls (parties); Dancing; German (dance) (s)

Cottages

See also Architecture, Domestic; Bungalows; Country houses; Log cabins

Refer from Architecture, Domestic; Architecture, Rural (s); Country houses; Rural architecture (s); Summer cottages (s); Villas (s)

Cotton

See also Dyes and dyeing; Fibers; Khaki; Mercerization; Textile industry and fabrics; Weaving

Refer from Agricultural products; Agriculture—Tropics; Fibers; Textile industry and fabrics; Yarn

—**Cultivation and manufacture**

See also Cotton famine, 1861-1864; Textile factories; Textile industry and fabrics

Refer from Cotton growing (s); Cotton manufacture (s); Cotton mills (s); Textile industry and fabrics

—**Diseases and pests**

See also Boll weevil

Refer from Agricultural pests; Boll weevil; Cotton pests (s); Insects, Injurious and beneficial; Plants—Diseases

Cotton-boll weevil *see* Boll weevil

Cotton famine, 1861-1864

Refer from Cotton—Cultivation and manufacture

Cotton growing *see* Cotton—Cultivation and manufacture

Cotton manufacture *see* Cotton—Cultivation and manufacture

Cotton mills *see* Cotton—Cultivation and manufacture; Textile factories

Cotton pests *see* Cotton—Diseases and pests

Cough

See also Bronchitis; Cold (disease); Respiratory organs—Diseases

Refer from Bronchitis; Cold (disease); Lungs; Respiratory organs—Diseases

Councils and synods

See also Church history; *also* special councils and synods, e.g. Vatican council

Refer from Catholic church—Councils (s); Catholic church—History; Church councils (s); Church history; Church law; Church polity; Ecumenical councils (s); Fathers of the church; Synods (s)

Counterfeits

See also Antiques, Forged; Art forgeries; Bank notes; Forgery; Imposture; Money

Refer from Bank notes; Crime and criminals; Forgery; Fraud; Imposture; Money

Counterpoint

See also Canon (music); Fugue

Refer from Canon (music); Composition (music); Harmony; Music; Music—Theory

Counter-reformation

See also Catholic church—History; Jesuits; Reformation; Thirty years' war

Refer from Anti-reformation (s); Catholic church—History; Reformation

Counting out

Refer from Folklore; Games; Nursery rhymes

Country houses

See also Architecture, Domestic; Bungalows; Cottages; Farm buildings

Refer from Architecture, Domestic; Architecture, Rural (s); Cottages; Farm houses (s); Rural architecture (s); Suburban houses (s); Summer cottages (s); Villas (s)

Country life

See also Camping; City and country; Farm life; Gardening; Hunting; Outdoor life; Pastoral poetry; Peasantry; Simple life; Sports

Refer from City and country; Farm life; Outdoor life; Rural life (s); Simple life

Country schools

See also Schools—Centralization

Refer from District schools (s); Education; Education, Elementary; Public schools; Rural schools (s); Schools

County officers

See also Coroners; Local government; Sheriffs

County option *see* Local option

Coup d'état of 1851 *see* France — History —

Coup d'état

Couplings *see* Car couplings

Courage

See also Heroes

Courses of study *see* Curriculum; Study clubs

Coursing

See also Hares

Court fools *see* Fools

Court life *see* Courts and courtiers

Courtesy

See also Etiquet

Courtiers *see* Courts and courtiers

Courts

See also Admiralty; Appeal; Chancery; Commercial courts; Courts martial; Judges; Jurisdiction; Jury; Juvenile courts; Law; Moot courts; Pleading and practice; Probate law and practice; Trials; Vigilance committees; *also* names of countries and cities, subhead Courts

—Municipal**Courts and courtiers**

See also Diplomatic memoirs; Kings and rulers; Precedence; Princes and princesses; Queens and empresses; *also* names of countries, subhead Court and courtiers

Courts martial

See also Military law

Courts of love

See also Troubadours

Courtship

See also Love; Marriage

Covenanters

See also Church of Scotland; Presbyterianism; Reformation — Scotland; Scotland — Religious history

Covenantants**Cover crops**

Cover design *see* Book covers

Covetousness *see* Avarice

Cow *see* Cows

Cowboys

See also Ranch life

Cows

See also Cattle; Dairying; Horns; Milk; Milking

Cradle songs *see* Lullabies

Crafts *see* Arts and crafts; Handicraft; Industrial arts

Cranes, derricks, etc.

See also Hoisting machinery

Craniology *see* Skull

Cranks (machinery)

Refer from Law; Local government

Refer from Bravery (s); Conduct of life; Ethics; Fear; Heroes; Heroism (s); Valor (s)

Refer from Hares; Hunting; Sports

Refer from Conduct of life; Ethics; Etiquet; Gentlemen; Manners (s); Politeness (s)

Refer from Judiciary (s); Jurisdiction; Law; Pleading and practice

Refer from Municipal corporations; Municipal courts (s); Police courts (s); U. S.— Courts

Refer from Court life (s); Courtiers (s); Etiquet; Kings and rulers; Monarchy; Princes and princesses; Queens and empresses; Society

Refer from Courts; Martial law; Military law; Military trials (s); Trials

Refer from Chivalry; Love, Courts of (s)

Refer from Love; Marriage

Refer from Church history — Modern; Church of Scotland; Presbyterianism; Reformation — Scotland; Scotland — Religious history

Refer from Church membership; Church polity; Contracts

Refer from Agriculture

Refer from Cattle; Frontier and pioneer life; Live stock; Ranch life; Western states

Refer from Cattle; Cow (s); Dairying; Domestic animals; Live stock; Milk

Refer from Derricks (s); Hoisting machinery; Machinery

Refer from Machinery

Crayon drawing

See also Pastel

Cream

See also Dairy products; Dairying; Milk

Cream separators

See also Dairying

Creameries

See also Dairying

Creation

See also Bible — Old Testament — Genesis; Earth; Evolution; Geology; God; Man — Origin and antiquity; Mythology; Religion and science; Teleology; Theology; Universe

Crèches**Credit**

See also Agricultural credit; Banks and banking; Credit guides; Debt; Debts, Public; Instalment plan; Loans; Money; Negotiable instruments

Crédit foncier *see* Agricultural credit

Credit guides**Creeds**

See also Apostles' creed; Athanasian creed; Catechisms; Nicene creed; *also* names of churches, sects, etc., subhead Catechisms and creeds

Cremation

See also Urn burial

Creoles

Crests *see* Heraldry

Cretaceous period *see* Geology, Stratigraphic — Cretaceous; Paleontology — Cretaceous

Cribbage

See also Cards

Cricket (game)

Cries *see* Battle cries; Street cries; Yells

Crime and criminals

See also Adulterations; Adultery; Alcoholism; Anarchism and anarchists; Anthropometry; Assassination; Bertillon system; Bribery; Brigands and robbers; Burglary; Capital punishment; Conspiracies; Convict labor; Counterfeits; Criminal law; Dacoits; Defectives; Degeneration; Detectives; Discharged prisoners; Education and crime; Embezzlement; Extradition; Forgery; Fraud; Gambling; Graft; Heredity; Identification; Indeterminate sentence; Infanticide; Juvenile delinquency; Kidnapping; Larceny; Lotteries; Lynch law; Mafia; Murder; Mutiny; Outlaws; Pardon; Parole; Penal colonies; Perjury; Pirates; Police; Political offenses; Prisons; Probation system; Prostitution; Punishment; Reformatories; Regicides; Riots; Smuggling; Suicide; Swindlers and swindling; Thieves; Thugs; Tramps; Treason; Trials; Vice; Vigilance committees; Women — Crime; Workhouses; *also* names of cities, sub-head Crime and criminals

Refer from Drawing; Portraits

Refer from Dairy products; Dairying; Milk

Refer from Dairying; Milk; Separators, Cream (s)

Refer from Dairying

Refer from Bible; Bible — Old Testament — Genesis; Earth; Earth — Age; Evolution; Geology; God; Man; Man — Origin and antiquity; Natural religion; Philosophy; Religion and science; Teleology; Theology; Universe

Refer from Charities; Children — Charities, protection, etc.; Day nurseries (s); Nurseries, Day (s)

Refer from Banks and banking; Bills of credit (s); Bills of exchange (s); Business; Commerce; Debt; Economics; Finance; Money; Speculation

Refer from Commercial ratings (s); Credit

Refer from Belief; Catechisms; Church history; Church membership; Confessions of faith (s); Faith; Symbolics (s); Symbolism (theology) (s); Theology

Refer from Burial; Burning the dead (s); Death; Hygiene, Public; Mortuary customs(s)

Refer from Latin races; Louisiana; Southern states

Refer from Cards

Refer from Ball (s); Games

Refer from Anthropology; Biography; Convicts (s); Criminal anthropology (s); Criminal law; Criminals (s); Criminology (s); Dangerous classes (s); Defectives; Degeneration; Dependent classes (s); Ethics; Felony (s); Government; Identification; Immorality (s); Law; Outlaws; Police; Prisons; Punishment; Sin; Social problems; Sociology; Vice

Crime and criminals — Continued

—U. S.

See also Prisons — U. S.

Crimean war

See also Europe — History — 1789-; Russia — History; Turkey — History

Criminal anthropology *see* Crime and criminals
Criminal law

See also Arrest; Bail; Capital punishment; Conspiracies; Crime and criminals; Evidence; Extradition; Indeterminate sentence; Jury; Juvenile courts; Law; Ordeals; Perjury; Prisons; Probation system; Punishment; Trials; Vigilance committees; *also* special crimes, e.g. Assault, Murder

Criminals *see* Crime and criminals

Criminology *see* Crime and criminals

Crises, Commercial, *see* Business depression; Panics

Critical philosophy

See also Philosophy, German

Criticism

See also Art — Criticism; Bible — Criticism and interpretation; Book reviews; Esthetics; Literature — History and criticism; Music — History and criticism; Rhetoric; *also* names of literatures, subhead History and criticism

Crocheting

See also Fancy work

Crockery *see* Pottery

Cromlechs

Crop reports *see* Agriculture — Statistics; Agriculture — [country subhead] — Statistics

Crop rotation *see* Rotation of crops

Crops

See also Agricultural products; Agriculture; Agriculture — Statistics; Rotation of crops; *also* names of special crops, e.g. Root crops

Croquet

Cross

See also Christian art and symbolism; Crucifixion; Swastika; Symbolism

Cross-country running *see* Running

Cross-examination *see* Witnesses

Cross-ties *see* Railroads — Ties

Crosses *see* Cross

Crossings, Railroad, *see* Railroads — Crossings

Croup

See also Respiratory organs — Diseases

Crowds

See also Lynch law; Riots; Social psychology

Crown gall

Crown lands *see* Public lands

Refer from Prisons — U. S.; U. S. — Crime and criminals (s)

Refer from Eastern question (Near East); England — History — Victorian period; Europe — History — 1789-; France — History — Second empire; Russia — History; Russo-Turkish war, 1853-1856 (s); Turkey — History

Refer from Crime and criminals; Law; Penal codes (s); Penal law (s); Punishment

Refer from Kantianism (s); Philosophy; Philosophy, Critical (s); Philosophy, German

Refer from Appraisal of books (s); Book reviews; Books — Appraisal (s); Esthetics; Evaluation of literature (s); Literary criticism (s); Literature; Literature — History and criticism; Rhetoric

Refer from Fancy work; Needlework

Refer from Archaeology; Dolmens (s); Monuments; Tombs

Refer from Agricultural products; Agriculture

Refer from Games

Refer from Archaeology; Christian art and symbolism; Crosses (s); Crucifixion; Jesus Christ; Legends; Symbolism; Theology

Refer from Children — Diseases; Medicine — Practice; Respiratory organs — Diseases

Refer from Mobs (s); Psychology; Social psychology; Sociology

Refer from Fruit — Diseases and pests; Fungi; Galls (botany)

Crowns

See also Coronations

Crucifixion

See also Cross; Jesus Christ — Passion

Cruelty

See also Animals — Treatment

Cruisers *see* Warships

Crusades

See also Children's crusade; Chivalry;
Middle ages — History; Saracens

Crusoe stories *see* Castaways

Crustacea

See also Arthropoda; Trilobites

Cryptogams

See also Algae; Botany; Ferns; Fungi;
Lichens; Mosses

Cryptography *see* Ciphers

Crypts

See also Tombs

Crystal gazing

Crystallization *see* Crystallography

Crystallography

See also Mineralogy

Cultivated plants *see* Plants, Cultivated

Cultivating *see* Tillage

Cultivation of vacant lots *see* Vacant lot cultivation

Culture

See also Civilization; College education,
Value of; Education; Humanism; Scholars;
Self-culture

—Primitive, *see* Civilization — History

Culverts

See also Bridges

Cumberland, Army of the, *see* Army of the
Cumberland

Cumberland road**Cuneiform writing**

See also Assyrian language; Assyro-Baby-
lonian literature

Cup races *see* America's cup; Yachts and yacht-
ing

Cupola furnaces

See also Foundry work

Cupping

See also Bloodletting

Curates *see* Clergy

Curfew law**Curling**

See also Winter sports

Currency *see* Money

Currents *see* Electric currents; Ocean currents;
Winds

Currents, Alternating, *see* Electric currents,
Alternating

Refer from Coronations; Regalia

Refer from Cross; Punishment

Refer from Ethics

Refer from Children's crusade; Chivalry;
Church history — Middle ages; History; Mid-
dle ages — History; Saracens

Refer from Arthropoda; Invertebrates; Ma-
rine zoology; Trilobites

Refer from Algae; Botany; Bryophytes (s);
Ferns; Fungi; Lichens; Mosses

Refer from Church architecture; Tombs
Refer from Divination; Fortune telling;
Occult sciences

Refer from Chemistry; Chemistry, Physi-
cal; Crystallization (s); Groups, Theory of;
Mineralogy

Refer from Civilization; College education,
Value of; Conduct of life; Education; Learn-
ing (s); Scholars; Scholarship (s)

Refer from Arches; Bridges; Hydraulic
engineering; Railroads — Construction

Refer from National road (s); Roads —
U. S.; Middle states

Refer from Alphabet; Assyrian language;
Assyro-Babylonian literature; Inscriptions;
Writing

Refer from Blast furnaces; Foundry work;
Furnaces; Tuyeres (s)

Refer from Bloodletting; Therapeutics

Refer from Children — Law

Refer from Games; Winter sports

- Curriculum**
See also Classical education; Overpressure (education); Vocational education
Refer from Classical education; Colleges and universities; Courses of study (s); Education; Overpressure (education); Schools; Teaching
- Curved surfaces** *see* Surfaces
- Curves**
See also Circle; Conic sections; Curves in engineering
Curves in engineering
See also Civil engineering
Refer from Calculus; Conic sections; Geometry; Geometry, Analytic
- Customs** *see* Manners and customs; Tariff
- Cut glass** *see* Glass
- Cutaneous diseases** *see* Skin — Diseases
- Cutlery**
See also Knives
Refer from Hardware; Knives; Manufactures; Metal work
- Cutter classification** *see* Classification, Expansive
- Cutting** *see* Dressmaking; Garment cutting; Tailoring
- Cutworms**
Refer from Insects, Injurious and beneficial; Moths
- Cyanide process**
See also Metallurgy
Refer from Electrometallurgy; Gold; Metallurgy; Ore treatment; Silver
- Cyanotype** *see* Blue prints
- Cycles, Motor,** *see* Motor cycles
- Cycling**
See also Bicycles and tricycles; Motor cycles
Refer from Bicycles and tricycles; Bicycling (s); Locomotion; Sports; Tricycling (s); Wheeling (s)
- Cyclones**
See also Hurricanes; Storms; Tornadoes
Refer from Hurricanes; Meteorology; Storms; Tornadoes; Winds
- Cyclopedias** *see* Encyclopedias
- Cycloramas**
See also Panoramas
Refer from Panoramas
- Cymric language** *see* Welsh language
- Cymric literature** *see* Welsh literature
- Cyphers** *see* Ciphers
- Cytokinesis** *see* Karyokinesis
- Cytology** *see* Cells
- Czechic language** *see* Bohemian language
- Czechic literature** *see* Bohemian literature
- Czechs**
See also Bohemia; Slavs
Refer from Bohemia; Slavs
- Dacoits**
Refer from Brigands and robbers; Crime and criminals; Dakoits (s); Murder
- Daguerreotypes**
See also Photography
Refer from Photography
- Daily readings**
Refer from Calendars; Devotional exercises; Quotations
- Dairy** *see* Dairying
- Dairy bacteriology**
See also Bacteriology, Agricultural; Cheese; Milk
Refer from Bacteriology; Bacteriology, Agricultural; Cheese; Chemistry, Dairy (s); Dairy chemistry (s); Dairying; Milk
- Dairy chemistry** *see* Agricultural chemistry; Dairy bacteriology
- Dairy products**
See also Butter; Cheese; Cream; Dairying; Milk; Oleomargarine
Refer from Agricultural products; Animal products; Butter; Cheese; Cream; Dairying; Milk

Dairying

See also Butter; Cattle; Cheese; Cows; Cream; Cream separators; Creameries; Dairy bacteriology; Dairy products; Goats; Milk; Milking

Refer from Agriculture; Butter; Cattle; Cheese; Cows; Cream; Cream separators; Creameries; Dairy (s); Dairy products; Home economics; Milk; Milking

Dakoits *see* Dacoits

Daltonism *see* Color blindness

Damages

See also Appraising; Arbitration and award; Demurrage; Eminent domain; Employers' liability; Indemnity; Libel and slander; Negligence

Refer from Accidents; Agency; Appraising; Arbitration and award; Compensation (s); Demurrage; Eminent domain; Employers' liability; Indemnity; Injuries (s); Law; Negligence; Property; Torts

Damascening *see* Damaskeening

Damaskeening

Refer from Damascening (s); Inlay; Metal work

Refer from Buildings, Dampness in (s); Humidity; Waterproofing

Dams

See also Cofferdams; Embankments; Hydraulic engineering; Irrigation; Masonry; Reservoirs; Walls

Refer from Earthwork; Hydraulic engineering; Irrigation; Masonry; Reservoirs; Rivers; Walls; Water supply; Weirs (s)

Dance music

See also Dancing; Waltzes

Refer from Dancing; Instrumental music; Music; Waltzes

Dancing

See also Ballet; Balls (parties); Cotillion; Dance music; Indians—Dances; Morris dance

Refer from Amusements; Ballet; Balls (parties); Cotillion; Dance music; Ethics; Etiquet; Folk dances (s); Morris dance; Waltzing (s)

Dandies

Refer from Beaux (s); Costume; Fashion; Fops (s)

Danegeld

See also Taxation—England

Refer from Taxation

Danes in the U. S.

See also Scandinavians in the U. S.

Refer from Scandinavians in the U. S.; U. S.—Foreign population

Dangerous classes *see* Crime and criminals; Poor

Dangerous occupations *see* Occupations, Dangerous

Danish language

See also Scandinavian languages

Refer from Germanic languages; Scandinavian languages

Danish literature

See also Norwegian literature; Scandinavian literature

Refer from Norwegian literature; Scandinavian literature

Darbyites *see* Plymouth brethren

Dark ages *see* Middle ages

Darning *see* Mending and repairing

Darwinism *see* Darwin, Charles; Evolution; Natural selection

Dates *see* Chronology, Historical

Day nurseries *see* Crèches

Day of judgment *see* Judgment day

Dayaks *see* Dyaks

Daylight saving

Refer from Hours of labor; Time

Days

Refer from Time

See also Almanacs; Birthdays; Fasts and feasts; Festivals; Holidays; Night; *also* names of days of the week, and of special days, e.g. April fools' day; May day

Deaconesses

Refer from Church polity; Church work; Sisterhoods; Women

Deacons

For deacons in orders *see* Clergy

Dead *see* Death**Deaf and dumb**

See also Deafness; Defectives; Lip reading; Sign language

—Asylums and education

Deaf-mutes *see* Deaf and dumb

Deafness

See also Deaf and dumb; Ear; Hearing

Death

See also Autopsy; Biology; Burial; Consolation; Coroners; Cremation; Embalming; Eschatology; Funeral rites and ceremonies; Future life; Future punishment; Heaven; Hell; Mortality; Mourning customs; Murder; Purgatory; Resurrection; Suicide; Vital statistics

—Apparent. *see* Suspended animation

Death-bed words *see* Last words of famous people

Death duties *see* Inheritance and transfer tax

Death notices *see* Obituaries

Death penalty *see* Capital punishment

Death rate *see* Mortality; Vital statistics

Death records *see* Vital records

Debates *see* Debating; *also* names of legislative bodies, etc.

Debating

See also Elocution; Logic; Oratory; Parliamentary practice

Debt

See also Assignments; Bankruptcy; Commercial law; Credit; Debts, Public; Limitations (law); Loans

Debts, Public

See also Drago doctrine; Finance; Loans; Repudiation; Sinking funds; *also* names of countries and cities, subhead Finance

Decadence *see* Degeneration

Decalogue *see* Commandments

Decimal classification *see* Classification, Decimal

Decimal system

See also Metric system; Weights and measures

Declamation *see* Elocution; Orations; Recitations and readings

Declaration of independence

See also Fourth of July; U. S. — History — Revolution

—Signers

Declination of the compass *see* Compass

Decoration and ornament

See also Arabesque; Architectural design; Architecture; Art; Arts and crafts; Bas-relief; Bric-a-brac; Bronzes; Bronzing; Cabinet work; Carving (art industries); China painting; Church decoration and ornament; Design, Decorative; Devices;

Refer from Church polity

Refer from Consanguinity; Deaf-mutes (s); Deafness; Defectives; Dumb (s); Ear; Lip reading; Sign language; Speech

Refer from Asylums; Charities; Charities, Medical; Education

Refer from Deaf and dumb; Ear; Hearing; Medicine — Practice

Refer from Biology; Dead (s); Eschatology; Future life; Life; Mortality; Mortuary customs (s); Theology

Refer from Argument (s); Debates (s); Discussion (s); Elocution; Logic; Oratory

Refer from Bankruptcy; Commerce; Commercial law; Credit; Contracts; Law; Loans

Refer from Bonds; Credit; Debt; Economics; Finance; National debts (s); Public debts (s); Repudiation; State debts (s)

Refer from Arithmetic; Metric system; Money; Notation (mathematics); Weights and measures

Refer from Fourth of July; U. S. — History — Revolution

Refer from Signers of the Declaration of independence (s); U. S. — Biography; U. S. — History — Revolution — Biography

Refer from Arabesque; Architecture; Art; Art, Decorative (s); Arts and crafts; Bric-a-brac; Cabinet work; Design, Decorative; Drawing; Fancy work; House decoration; Ornament (s); Painting; Wood carving

Embroidery; Enamel; Fancy work; Floral decoration; Frescoes; Furniture; Gems; House decoration; Illumination of manuscripts and books; Illustration of books; Inlay; Ironwork; Jewelry; Lettering; Metal work; Moldings; Monograms; Mosaics; Mural painting and decoration; Painting; Plant forms; Pottery; School decoration; Sculpture; Stained glass; Stencil work; Stucco; Tapestry; Terra cotta; Textile design; Vases; Window dressing; Wood carving

Decoration day *see* Memorial day

Decorations of honor

See also Heraldry; Insignia; Medals;

Titles of honor and nobility; Victoria cross

Decorative design *see* Design, Decorative

Dedication of books *see* Book dedication

Dedication of churches *see* Church dedication

Deeds

See also Acknowledgments; Charters; Conveyancing; Easements; Gifts; Land titles; Real estate; Torrens system

Refer from Badges of honor (s); Heraldry; Insignia; Medals; Titles of honor and nobility

Deep-sea fauna *see* Marine zoology

Deep-sea sounding *see* Sounding and soundings

Deer

See also Reindeer; Ungulata

Refer from Acknowledgments; Commercial law; Contracts; Conveyancing; Documents (s); Forms (in law); Land; Land titles; Real estate

Defalcation *see* Embezzlement

Defamation *see* Libel and slander

Defectives

See also Auxiliary schools; Blind; Children, Abnormal and backward; Crime and criminals; Deaf and dumb; Deformities; Degeneration; Feeble-minded; Idiocy; Insanity; Juvenile delinquency

Refer from Cervidae (s); Game; Hunting; Ungulata

Refer from Auxiliary schools; Blind; Children, Abnormal and backward; Crime and criminals; Deaf and dumb; Deformities; Degeneration; Dependent classes (s); Feeble-minded; Heredity; Idiocy; Insanity; Juvenile delinquency; Mentally deficient children (s); Social problems; Sociology

Defenses, National, *see* Coast defense; *also* names of countries, subhead Defenses

Definition

Deformities

See also Defectives; Monsters

Refer from Language; Words

Refer from Defectives; Monsters; Orthopedics (s); Physiology; Surgery; Teratology (s)

Degeneration

See also Crime and criminals; Defectives; Evolution; Heredity; Insanity; Physical deterioration; Vice

Refer from Anthropology; Civilization; Consanguinity; Crime and criminals; Decadence (s); Defectives; Eugenics; Evolution; Heredity; Insanity; Physical deterioration; Physiology; Vice

Refer from Academic degrees (s); Bachelor's degrees (s); College degrees (s); Colleges and universities; Doctor's degrees (s); Honorary degrees (s); Scholars; Titles of honor and nobility; University degrees (s)

Degrees, Academic

Degrees of latitude and longitude *see* Geodesy; Latitude and longitude

Dehorning of cattle *see* Horns

Deism

See also Atheism; Christianity; Free thought; God; Positivism; Rationalism; Skepticism; Theism

Refer from Atheism; Christianity; Free thought; God; Natural religion; Philosophy; Rationalism; Religion; Skepticism; Theism; Theology

Delaware Indians

See also Algonquian Indians

Refer from Algonquian Indians; Lenape Indians (s); Lenni Lenape (s)

Delinquent children *see* Juvenile delinquency

Delsarte system

See also Expression

Deltas

See also Physical geography

Deluge

See also Bible — Old Testament — Genesis

Delusions *see* Errors, Popular; Illusions and hallucinations; Imposture; Medical delusions; Sea serpents; Superstition; Swindlers and swindling; Witchcraft

Demand and supply *see* Supply and demand

Dementia *see* Insanity

Democracy

See also Aristocracy; Despotism; Equality; Federal government; Government; Liberty; Monarchy; Referendum; Representative government and representation; Republics; Socialism; Suffrage; Town meeting

Democratic party

See also Tammany Hall; U. S. — Politics

Demonetization of silver *see* Silver (as money)

Demonology

See also Amulets; Apparitions; Charms; Devil; Devil worship; Evil eye; Magic; Occult sciences; Superstition; Witchcraft

Demonstration work in agriculture *see* Agriculture — Demonstration work

Demurrage

See also Carriers; Damages

Denatured alcohol *see* Alcohol, Denatured

Dendrology *see* Trees

Denominational schools *see* Church and education; Church schools

Denominations, Religious, *see* Sects; *also* names of churches and sects

Density *see* Specific gravity

Dentistry

See also Dentists; Mouth; Teeth

Dentists

Denudation *see* Erosion

Department stores

See also Mail order business

Departmental system of teaching *see* Teaching — Departmental system

Dependencies *see* Colonies and colonization

Dependent children *see* Children — Charities, protection, etc.

Dependent classes *see* Charities; Crime and criminals; Defectives; Poor

Deportation *see* Penal colonies

Deposition (geology) *see* Sedimentation and deposition

Depots *see* Railroads — Stations

Depravity

See also Sin

Dermatology *see* Skin

Derricks *see* Cranes, derricks, etc.

Refer from Dramatic expression (s); Elocution; Expression; Gesture; Physical education

Refer from Physical geography; Rivers

Refer from Bible; Bible — Old Testament — Genesis; Earth; Flood (s); Geology

Refer from Aristocracy; Constitutional history; Constitutional law; Despotism; Equality; Federal government; Free institutions; Government; Liberty; Monarchy; People; Popular government (s); Presidential government (s); Representative government and representation; Republics; Self-government (s)

Refer from Political parties; U. S. — Politics

Refer from Angels; Apparitions; Devil; Devil worship; Evil spirits (s); Ghosts; Occult sciences; Spirits (s); Superstition; Witchcraft

Refer from Admiralty; Carriers; Damages; Freight; Transportation

Refer from Medicine; Professions; Surgery; Teeth

Refer from Biography; Dentistry

Refer from Business; Competition; Stores (s)

Refer from Sin; Theology; Total depravity (s)

Dervishes

See also Mohammedanism

Descent *see* Genealogy; Heredity; Primogeniture

Description (rhetoric) *see* Descriptive writing

Descriptive geometry *see* Geometry, Descriptive

Descriptive writing

See also Rhetoric

Desecration *see* Sacrilege

Desert vegetation

See also Dry farming

Deserts

See also Desert vegetation; Mirage; Oases; Reclamation of land

Design, Architectural, *see* Architectural design

Design, Argument for, *see* Teleology

Design, Decorative

See also Architectural design; Art; Arts and crafts; Book covers; Carving (art industries); Decoration and ornament; Drawing; Lettering; Plant forms; Stencil work; Textile design

Design, Machine, *see* Machine design

Des Moines plan of city government *see* Municipal government — Commission plan

Despotism

See also Democracy; Kings and rulers; Liberty; Monarchy; Paternalism; Tyranny

Desserts

See also Cookery; Dinners and dining; Ices

Destiny *see* Fate and fatalism

Details, Architectural, *see* Architecture — Details

Detective stories

Detectives

See also Detective stories; Police; Secret service

Determinants

See also Algebra

Determinism *see* Freedom of the will

Determinism, Economic, *see* Economic determinism

Detroit plan *see* Vacant lot cultivation

Development *see* Embryology; Evolution; Growth

Devices

See also Emblems; Heraldry; Insignia; Mottoes; Symbolism

Devil

See also Demonology; Devil worship

Devil worship

See also Demonology; Occult sciences

Devonian period *see* Geology, Stratigraphic — Devonian; Paleontology — Devonian

Devotion *see* Devotional exercises; Prayer; Worship

Devotional exercises

See also Church music; Church services; Consolation; Daily readings; Family wor-

Refer from Mohammedanism; Religions

Refer from Description (rhetoric) (s); Rhetoric

Refer from Botany; Deserts; Dry farming

Refer from Oases; Physical geography

Refer from Art; Art, Decorative (s); Arts and crafts; Book covers; Decoration and ornament; Decorative design (s); Drawing; Floral design (s); Ornamental design (s); Plant forms

Refer from Absolutism (s); Caesarism (s); Democracy; Government; Monarchy; Paternalism; Tyranny

Refer from Cookery; Dinners and dining

Refer from Detectives; Fiction

Refer from Crime and criminals; Police; Secret service

Refer from Algebra

Refer from Coats of arms (s); Decoration and ornament; Emblems; Heraldry; Insignia; Mottoes; Symbolism

Refer from Demonology; Folklore; Satan (s); Superstition; Theology

Refer from Demonology; Devil; Worship

Refer from Christian life and character; Church services; Devotion (s); Family wor-

ship; Hymns; Liturgies; Lord's prayer; Lord's supper; Meditations; Prayers; Responsive worship; Worship

Dew

See also Humidity

Dewey classification *see* Classification, Decimal

Diabetes

Diagnosis

See also Auscultation; Medicine — Practice; Pain; Pathology; Sphygmograph; X rays

Dialect recitations *see* Recitations and readings,

Dialect

Dialectics *see* Logic

Dialects

See also Slang; *also* names of languages, subhead Dialects

Dialing *see* Sundials

Dialogues

See also Recitations and readings

Dials *see* Sundials

Diamagnetism

See also Magnetism

Diamond drilling *see* Boring; Rock drills

Diamond necklace affair

See also Marie Antoinette

Diamonds

See also Gems; Mineralogy; Precious stones

Dice

Dictionaries

See also Classical dictionaries; Dictionaries, English; Encyclopedias; Technical dictionaries; *also* subhead Dictionaries under names of languages other than English, and under special subjects

—English

See also English language — Dialects; Synonyms and antonyms, English

Didactics *see* Teaching

Dies

See also Forging; Metal work; Punching machinery; Sheet-metal work

Diet

See also Animal food; Beverages; Children — Care and hygiene; Cookery; Cookery for the sick; Digestion; Dyspepsia; Food; Menus; Nutrition; School lunches; Starvation; Stimulants; Vegetarianism

Differential calculus *see* Calculus

Diffraction

See also Light

Digestion

See also Absorption (physiology); Diet; Digestive system; Dyspepsia; Enzymes; Food; Metabolism; Nutrition; Stomach

Digestive system

See also Anatomy; Digestion; Intestines; Liver; Mouth; Physiology; Stomach; Teeth

Dikes (engineering) *see* Embankments

ship; Meditations; Prayer; Prayers; Religion; Religious services (s); Worship

Refer from Humidity; Meteorology; Night; Water

Refer from Medicine — Practice

Refer from Auscultation; Medicine; Medicine — Practice; Pathology; Surgery; Symptoms (s)

Refer from Language

Refer from Amateur theatricals; Drama; Literature; Recitations and readings

Refer from Magnetism; Physics

Refer from France — History — Bourbons; Marie Antoinette

Refer from Carbon; Gems; Mineralogy; Precious stones

Refer from Gambling; Games

Refer from Encyclopedias; Lexicons (s); Reference books

Refer from Dictionaries; English dictionaries (s); English language; English language — Dictionaries (s)

Refer from Forging; Metal work; Punching machinery; Sheet-metal work

Refer from Cookery; Cookery for the sick; Digestion; Eating; Food; Food for invalids (s); Home economics; Hygiene; Invalids; Nurses and nursing; Nutrition; Therapeutics

Refer from Light

Refer from Absorption (physiology); Diet; Digestive system; Dyspepsia; Food; Indigestion (s); Metabolism; Nutrition; Physiological chemistry; Physiology; Stomach

Refer from Alimentary canal (s); Anatomy; Digestion; Intestines; Liver; Physiology; Stomach

Dikes (geology)

See also Igneous rocks

Dimension, Fourth, *see* Fourth dimension

Dining *see* Dinners and dining

Dinners and dining

See also After-dinner speeches; Carving (meat, etc.); Cookery; Desserts; Drinking customs; Eating; Food; Menus; Table; Toasts

Diocesan schools *see* Church schools

Dioptrics *see* Refraction

Diphtheria

See also Antitoxins

Diplomacy

See also Ambassadors; Consuls; Diplomatic and consular service; Diplomatic memoirs; Diplomats; International law; International relations; Precedence; Treaties; *also* names of countries, subheads Diplomatic and consular service and Foreign relations

Diplomatic and consular service

See also Ambassadors; Consuls; Diplomacy; Diplomatic memoirs; Diplomats; Exterritoriality; International law; International relations; *also* names of countries, subhead Diplomatic and consular service

Diplomatic memoirs

Diplomatics *see* Paleography

Diplomats

See also Ambassadors; Consuls

Dipsomania *see* Alcoholism

Diptera

See also Flies; Hessian flies; Insects; Mosquitoes; Tsetse flies

Direct legislation *see* Referendum

Direct nominations *see* Nominations; Primaries

Direct primaries *see* Primaries

Direct taxation *see* Income tax; Taxation

Direction, Sense of, *see* Orientation

Directories

See also names of places and subjects, subhead Directories

Directory, French, *see* French revolution

Dirigible balloons *see* Airships

Disarmament

See also Arbitration, International; Armies; International relations; Militarism; Navies; Peace; Sea power; War

Disasters

See also Accidents; Collisions at sea; Earthquakes; Fires; Floods; Mine accidents; Railroads — Accidents; Red cross; Shipwrecks; Storms; *also* special disasters

Discharged prisoners

See also Parole

Refer from Dykes (s); Geology; Igneous rocks

Refer from Banquets (s); Cookery; Desserts; Dining (s); Drinking customs; Eating; Entertaining; Etiquet; Food; Gastronomy (s); Home economics; Meals (s); Menus; Table

Refer from Children — Diseases; Contagion and contagious diseases; Medicine — Practice

Refer from Ambassadors; Consuls; Diplomatic and consular service; Government; History; International law; International relations; Ministers of state; Statesmanship (s); Treaties

Refer from Ambassadors; Consular service (s); Consuls; Diplomacy; Diplomats; Government; International law; International relations; Legations (s)

Refer from Biography; Courts and courtiers; Diplomacy; Diplomatic and consular service; History — Sources; International relations

Refer from Ambassadors; Biography; Diplomacy; Diplomatic and consular service; International relations; Statesmen

Refer from Flies; Insects; Mosquitoes

Refer from Arbitration, International; Armaments (s); Armies; International relations; Militarism; Military art and science; Military power (s); Navies; Peace; Sea power; War

Refer from Accidents; History; Relief work (s)

Refer from Convicts (s); Crime and criminals; Ex-convicts (s); Parole; Prisoners, Discharged (s); Prisons; Social work

Disciples of Christ

Discipline, Ecclesiastical, *see* Church discipline

Discipline, Mental, *see* Mental discipline

Discipline, School, *see* School management

Discount

See also Banks and banking; Interest

Discoverers *see* Discoveries and explorations; Explorers; Inventors

Discoveries (in geography) *see* Discoveries and explorations

Discoveries (in science) *see* Industrial arts; Inventions; Patents; Science

Discoveries and explorations

See also Antarctic regions; Arctic regions; Explorers; Geography — History; Northeast passage; Northwest passage; Scientific expeditions; Voyages and travels; *also* names of countries, subheads Description and travel and Discovery and exploration

Discussion *see* Debating

Disease *see* Pathology

Disease germs *see* Bacteriology; Germ theory of disease

Diseases *see* Medicine — Practice; *also* names of diseases and of classes of diseases, e.g. Contagion and contagious diseases, Mental diseases; and subhead Diseases under various subjects, e.g. Children — Diseases, Nervous system — Diseases, Occupations — Diseases and hygiene

Diseases of animals *see* Animals — Diseases; Veterinary medicine

Diseases of plants *see* Plants — Diseases

Disestablishment *see* Church and state; Church of England — Establishment

Disfranchisement *see* Suffrage

Dishonesty *see* Honesty

Disinfection and disinfectants

See also Antiseptics; Formaldehyde; Fumigation; Putrefaction

Dislocations

See also Bones; Joints; Radiography; Surgery; X rays

Dispensaries

See also Charities, Medical; Hospitals

Dispensary system

See also Gothenburg system

Dispensaries

See also Materia medica; Pharmacopoeias

Disposal of refuse *see* Refuse and refuse disposal

Dissection

See also Anatomy; Anatomy, Comparative; Autopsy; Vivisection

Dissenters

See also Brownists; Church of England; Church rates; Congregationalism; England — Religious history; Friends, Society of; Methodism; Nonjurors; Presbyterianism; Puritans

Refer from Campbellites (s); Christian church (Disciples) (s); Church of Christ (Disciples) (s); Sects

Refer from Banks and banking; Interest

Refer from Adventure; Discoverers (s); Discoveries (in geography) (s); Explorations (s); Explorers; Geography; Geography — History; Heroes; History; Voyages and travels

Refer from Antiseptics; Cleanliness; Contagion and contagious diseases; Formaldehyde; Fumigation; Cermicides (s); Hygiene; Hygiene, Public; Putrefaction; Sanitation

Refer from Bones; Joints; Luxations (s); Surgery

Refer from Charities; Charities, Medical; Hospitals

Refer from Gothenburg system; Liquor laws; Liquor traffic

Refer from Drugs; Materia medica; Medical botany; Pharmacopoeias; Pharmacy

Refer from Anatomy; Surgery; Vivisection

Refer from Brownists; Church history; Church history — Modern; Church of England; Congregationalism; Liberty of conscience; Nonconformists (s); Puritans; Sects

Dissociation

See also Chemistry, Physical; Electrochemistry; Electrolysis; Electrolytes; Electrons; Ions

Distances**Distillation**

See also Alcohol; Brandy; Chemistry, Technical; Coal-tar products; Essences and essential oils; Liquors; Wood distillation

Distribution of animals and plants *see* Geographical distribution of animals and plants

Distribution of electricity *see* Electricity — Distribution

Distribution of seed by the government *see* Seeds — Distribution

Distribution of wealth *see* Economics; Wealth

District nurses *see* Nurses and nursing

District schools *see* Country schools

Dividends *see* Securities; Stocks

Divination

See also Astrology; Clairvoyance; Crystal gazing; Divining rod; Dreams; Fortune telling; Occult sciences; Omens; Palmistry; Prophecies; Second sight; Superstition

Divine healing *see* Faith cure; Miracles

Divine right of kings

See also Monarchy

Diving

See also Diving bells; Pearls; Swimming

Diving bells**Divining rod**

Divinity *see* Jesus Christ — Divinity; Theology

Divinity schools *see* Theological schools

Divorce

See also Marriage

Docks

See also Civil engineering; Harbors; Wharves

Doctors *see* Physicians and surgeons

Doctor's degrees *see* Degrees, Academic

Doctrinal theology *see* Theology

Doctrines *see* Theology

Documents *see* Archives; Charters; Deeds; Government publications; *also* under name of body issuing

Dog *see* Dogs

Dog stories *see* Dogs — Stories

Doges

See also Genoa; Venice

Dogmatic theology *see* Theology

Dogs

See also Carnivora; Domestic animals; Hydrophobia; Veterinary medicine; *also* names of varieties of dogs

—Stories**Dolls**

Dolmens *see* Cromlechs

Domain, Eminent, *see* Eminent domain

Domes

See also Architecture; Roofs

Refer from Chemistry; Chemistry, Physical; Electrochemistry; Electrolysis; Ions; Matter

Refer from Geography

Refer from Alcohol; Boiling points; Brandy; Chemistry, Technical; Coal-tar products; Evaporation; Liquors

Refer from Augury (s); Fortune telling; Occult sciences; Omens; Prophecies; Superstition

Refer from Government; Kings and rulers; Monarchy

Refer from Baths and bathing; Swimming

Refer from Diving

Refer from Divination; Folklore; Water, Underground

Refer from Church law; Domestic relations; Ethics; Family; Law; Marriage; Social problems; Sociology; Women — Law

Refer from Civil engineering; Dry docks (s); Engineering; Harbors; Hydraulic engineering; Wharves

Refer from Genoa; Kings and rulers; Venice

Refer from Carnivora; Dog (s); Domestic animals; Hunting; Hydrophobia; Pets; Veterinary medicine

Refer from Animals — Stories; Dog stories (s)

Refer from Toys

Refer from Architecture; Roofs; Vaulting

Domesday book

Refer from Domesday book (s); England — History — Normans; Land tenure — England; Taxation — England

Domestic animals

See also Animals — Treatment; Barns and stables; Breeding; Cage birds; Cats; Cattle; Cows; Dogs; Domestication; Goats; Horse; Live stock; Pets; Pigeons; Poultry; Sheep; Swine; Veterinary medicine; Zoology

Refer from Agriculture; Animal industry (s); Animals; Animals — Diseases; Animals, Domestic (s); Animals, Useful and harmful (s); Beasts (s); Breeding; Cats; Dogs; Domestication; Farm animals (s); Horse; Live stock; Pets; Quadrupeds; Veterinary medicine; Zoology; Zoology, Economic

Domestic animals — Diseases, *see* Veterinary medicine; *also* names of animals and of diseases

Domestic architecture *see* Architecture, Domestic

Domestic arts

See also Arts and crafts, and references under that subject; Basketwork; Canning and preserving; Cookery; Dressmaking; Embroidery; Fancy work; Handicraft; Home economics; Lace; Millinery; Needlework; Rugs; Weaving

Refer from Arts and crafts; Handicraft; Home economics; Household arts (s); Industrial arts

Domestic economy *see* Home economics

Domestic education *see* Home economics — Study and teaching; Home education

Domestic hygiene *see* Sanitation, Household

Domestic relations

See also Divorce; Family; Guardians; Husbands; Marriage; Master and servant; Parents; Wives

Refer from Family; Guardians; Husband and wife (s); Husbands; Law; Marriage; Master and servant; Parents; Wives

Domestic science *see* Home economics

Domestic service *see* Servants

Domestication

See also Animals — Training; Domestic animals; Plants, Cultivated

Refer from Animals — Training; Domestic animals; Zoology

Domestics *see* Servants

Dominicans

See also Monasticism

Refer from Friars preachers (s); Monasticism; Preaching friars (s)

Dominion of the sea *see* Maritime law; Sea power

Dominoes

Refer from Games

Donatists

Refer from Church history — Early church

See also Church history — Early church

Domesday book *see* Domesday book

Doors

See also Architecture; Gates; Grilles; Lattice

Refer from Architecture; Building; Carpentry

Dorr rebellion, 1842

See also Rhode Island — History

Refer from Rhode Island — History

Double consciousness *see* Personality

Double personality *see* Personality

Double stars *see* Stars

Doubt *see* Belief; Faith; Skepticism

Doukhobors *see* Dukhobors

Douma *see* Russia — Duma

Doves *see* Pigeons

Draft, Mechanical, *see* Mechanical draft

Draft riot, 1863

Refer from Conscription; New York (city) — History; New York (city) — Riots; Riots; U. S. — History — Civil war

Drafting, Mechanical, *see* Mechanical drawing
Drafting, Military, *see* Conscription

Drafting room practice

See also Card system in business; Machine design; Mechanical drawing

Draught doctrine**Dragons**

See also Animal lore; Animals, Mythical

Drainage [for land drainage only]

See also Agricultural physics; Irrigation; Marshes; Reclamation of land; Sewerage

Drama

See also Acting; Actors; Amateur theatricals; Charades; Christmas plays; College plays; Comedy; Dialogues; Dramatists; Literature; Monologues; Masques (plays); Miracle, morality and mystery plays; Opera; Pageants; Pantomime; Passion plays; Plots (drama, novel, etc.); Prologues; Puppet plays; Tableaux; Theater; Tragedy; *also* American drama, English drama, etc.

Dramatic art *see* Acting

Dramatic education *see* Acting — Study and teaching

Dramatic expression *see* Acting; Delsarte system; Elocution; Expression

Dramatic music *see* Opera; Operettas

Dramatic plots *see* Plots (drama, novel, etc.)

Dramatists

See also Authors; Poets

Drapery

See also Tapestry; Upholstery

Draught, Mechanical, *see* Mechanical draft

Draughting, Mechanical, *see* Mechanical drawing

Draughting room practice *see* Drafting room practice

Draughts *see* Checkers

Dravidian languages

See also Oriental languages; Tamil language and literature

Draw-poker *see* Poker

Drawbacks**Drawbridges**

See also Bridges

Drawing

See also Anatomy, Artistic; Animal painting and illustration; Architectural drawing; Caricature and cartoons; Chalk talks; Charcoal drawing; Crayon drawing; Decoration and ornament; Design, Decorative; Drawings; Figure drawing; Flower painting and drawing; Geometrical drawing; Graphics; Illustration of books; Map drawing; Mechanical drawing; Painting; Pastel; Pen drawing; Perspective; Posters; Projection; Proportion (art); Shades and shadows; Silhouettes; Topographical drawing

Drawing instruments

See also Mechanical drawing

Refer from Draughting room practice (s); Drawing room practice (s); Machine design; Machine shop practice; Mechanical drawing
Refer from Debts, Public; International law; Monroe doctrine

Refer from Animal lore; Animals, Mythical; Monsters

Refer from Agricultural physics; Agriculture; Civil engineering; Engineering; Hydraulic engineering; Irrigation; Land drainage (s); Marshes; Reclamation of land; Soil moisture; Soils

Refer from Acting; Comedy; Literature; Miracle, morality and mystery plays; Play writing (s); Plays (s); Poetry; Prologues; Rhetoric; Stage (s); Theater; Tragedy

Refer from Authors; Drama; Playwrights (s); Poets

Refer from House decoration; Tapestry; Upholstery

Refer from Language; Oriental languages; Tamil language and literature

Refer from Rebates (of duties) (s); Tariff

Refer from Bridges

Refer from Art; Design, Decorative; Free-hand drawing (s); Graphic arts (s); Illustration of books; Manual training; Painting; Perspective; Sculpture; Sketching (s)

Refer from Instruments; Mathematical instruments; Mechanical drawing

Drawing-room plays *see* Amateur theatricals
Drawing room practice *see* Drafting room practice

Drawings

See also Engravings; Etchings

Drawn work

See also Fancy work

Dreams

See also Apparitions; Fortune telling; Nightmare; Psychology; Sleep; Somnambulism

Dredging

See also Civil engineering; Excavating machinery; Gold dredging; Marine biology; Marine zoology; Ocean

Dress *see* Clothing; Costume; Dress reform; Dressmaking

Dress reform

Dressmaking

See also Garment cutting; Needlework; Tailoring

Drift

See also Boulders; Geology; Glacial period; Glaciers; Moraines

Drill (military)

See also Artillery drill and tactics; Cavalry drill and tactics; Infantry drill and tactics; Military art and science; Tactics
Drilling (earth and rock) *see* Boring
Drilling (perforating)

See also Machine shop practice

Drills and marches

Drink question *see* Liquor problem

Drinking customs

See also Dinners and dining; Eating; Temperance; Toasts

Drinking songs

See also College songs

Drinks *see* Beverages; Liquors

Driving

See also Checkreins; Coaches and coaching; Horse; Horsemanship

Drop forging *see* Forging

Droughts

See also Rain

Drowning

See also Accidents; First aid in illness and injury; Life-saving; Suspended animation; Swimming

Drug habit *see* Narcotic habit

Druggists *see* Pharmacists

Drugs

See also Adulterations; Dispensatories; Materia medica; Medical botany; Medicines,

Refer from Drawing; Pictures

Refer from Fancy work; Needlework

Refer from Brain; Divination; Fortune telling; Mind and body; Night; Nightmare; Psychology; Sleep; Somnambulism; Superstition; Visions (s)

Refer from Civil engineering; Engineering; Excavating machinery; Harbors; Hydraulic engineering; Marine biology; Marine zoology; Ocean

Refer from Clothing; Costume; Dress (s); Hygiene

Refer from Clothing; Costume; Cutting (s); Domestic arts; Dress (s); Fashion; Garment cutting; Home economics; Needlework; Tailoring; Women — Occupations

Refer from Boulders; Geology; Glacial drift (s); Glacial period; Glaciers; Moraines

Refer from Military art and science; Tactics

Refer from Boring (metal working, etc.) (s); Machine shop practice; Machine tools

Refer from Amusements; Broom drill (s); Entertainments; Fan drill (s); Gymnastics; Marches (exercise) (s); Tambourine drill (s)

Refer from Beverages; Dinners and dining; Eating; Healths, Drinking of (s); Manners and customs; Temperance

Refer from Songs

Refer from Coaches and coaching; Horse; Horsemanship; Locomotion; Riding (s); Sports

Refer from Meteorology; Physical geography; Rain; Water supply; Weather

Refer from Accidents; First aid in illness and injury; Life-saving; Suspended animation

Refer from Adulterations; Materia medica; Medicines (s); Pharmacognosy (s); Pharma-

- Proprietary; Pharmacopoeias; Pharmacy; Poisons; *also* special drugs and groups of drugs, e.g. Anesthetics, Antitoxins, Narcotics, Stimulants
- Druids**
See also Britons; Celts; Mythology, Celtic
- Drummers *see* Commercial travelers
- Drunkenness *see* Alcoholism; Inebriate asylums; Liquor problem; Temperance
- Druses**
- Dry docks *see* Docks
- Dry farming**
See also Desert vegetation; Tillage
- Dry goods**
See also Clothing; Hosiery; Textile industry and fabrics
- Dry rot**
See also Wood — Preservation
- Drying**
- Dual personality *see* Personality
- Dualism**
See also Manicheism; Mind and body; Monism; Neoplatonism; Platonists; Soul; Zoroastrianism
- Ducks**
See also Game birds; Poultry; Water birds
- Dueling**
See also Fencing; Honor; Wager of battle
- Duets, Instrumental**
- Duets, Vocal**
- Dukhobors**
See also Russia — Religious history
- Duma *see* Russia — Duma
- Dumb *see* Deaf and dumb
- Dumb-bells**
See also Gymnastics
- Dunes**
See also Physical geography
- Dungeons *see* Prisons
- Dunkards *see* German Baptist brethren
- Dunkers *see* German Baptist brethren
- Dust**
See also Bacteriology; House cleaning
- Dutch in the U. S.**
- Dutch language**
See also Germanic languages
- Dutch literature**
See also Dutch poetry
- Dutch poetry**
See also Dutch literature
- Dutch reformed church *see* Reformed church in America
- cology (s); Pharmacopoeias; Pharmacy; Poisons; Therapeutics
- Refer from* Britons; Celts; England — Antiquities; Mythology, Celtic; Religions
- Refer from* Religions
- Refer from* Agriculture; Arid farming (s); Desert vegetation; Farming, Dry (s); Irrigation; Tillage
- Refer from* Textile industry and fabrics
- Refer from* Fungi; Plants — Diseases; Timber; Wood — Preservation
- Refer from* Bleaching; Chemical engineering; Cleaning; Dyes and dyeing; Evaporation
- Refer from* Evil; Mind and body; Philosophy; Zoroastrianism
- Refer from* Game birds; Poultry; Water birds
- Refer from* Ethics; Fencing; Fighting (s); Honor; Manners and customs; Wager of battle
- Refer from* Instrumental music; Music — Scores; Piano music — Scores
- Refer from* Music — Scores; Songs
- Refer from* Doukhobors (s); Russia — Religious history; Sects
- Refer from* Gymnastics
- Refer from* Beaches; Physical geography; Seashore; Sand dunes (s)
- Refer from* Air pollution; Bacteriology; House cleaning; Hygiene; Occupations — Diseases and hygiene; Roads
- Refer from* U. S. — Foreign population
- Refer from* Germanic languages; Low German language
- Refer from* Dutch poetry
- Refer from* Dutch literature

Duties *see* Tariff

Duty

See also Conduct of life; Conscience; Ethics

Dwarfs

Dwellings *see* Architecture, Domestic; Housing problem

Dyaks

See also Borneo; Head-hunters

Dyeing *see* Dyes and dyeing

Dyes and dyeing

See also Bleaching; Calico printing; Chemistry, Technical; Cleaning; Coal-tar colors; Color; Drying; Indigo; Khaki

Dyestuffs *see* Dyes and dyeing

Dying words *see* Last words of famous people

Dykes *see* Dikes (geology); Embankments

Dynamics

See also Aerodynamics; Dynamometer; Electrodynamics; Force and energy; Hydrodynamics; Kinematics; Matter; Mechanics; Motion; Physics; Rotation; Statics; Thermodynamics

Dynamite

See also Explosives

Dynamo-electric machines *see* Dynamos; Electric motors

Dynamometer

Dynamos

See also Armatures; Commutators; Electric motors; Switchboards

Dyspepsia

See also Digestion

Eagles

See also Birds

Ear

See also Deaf and dumb; Deafness; Hearing; Sound

Early church *see* Church history — Early church

Early English language *see* English language — Middle English

Early English literature *see* English literature — History and criticism — Middle English

Earth

See also Antarctic regions; Arctic regions; Astronomy; Climate; Creation; Deluge; Earthquakes; Geochemistry; Geodesy; Geography; Geology; Glacial period; Globes; Latitude and longitude; Magnetism, Terrestrial; Meteorology; Mines and mineral resources; North pole; Nutation; Ocean; Physical geography; Seasons; South pole; Tropics; Volcanoes

Refer from Conduct of life; Ethics

Refer from Man; Monsters; Pigmies (s); Pygmies (s)

Refer from Borneo; Dayaks (s); Head-hunters; Kayans (s)

Refer from Bleaching; Calico printing; Chemistry, Technical; Cleaning; Coal-tar colors; Color; Cotton; Dyeing (s); Dyestuffs (s); Industrial arts; Pigments (s); Scouring (s); Textile industry and fabrics; Wool

Refer from Force and energy; Kinematics; Kinetics (s); Matter; Mechanics; Motion; Physics; Rotation; Statics

Refer from Explosives

Refer from Dynamics; Electric testing; Force and energy; Power; Prony brake (s)

Refer from Armatures; Commutators; Dynamo-electric machines (s); Electric apparatus and appliances; Electric engineering; Electric generators (s); Electric machinery; Electric motors; Electricity; Generators, Electric (s); Machine shop practice; Motors

Refer from Diet; Digestion; Indigestion (s); Medicine — Practice

Refer from Birds

Refer from Anatomy; Deafness; Head; Hearing; Otology (s); Sound

Refer from Astronomy; Creation; Geography; Geology; Nature; Physical geography; Planets; Universe; World (s)

Earth — Continued

— **Age**

See also Creation; Geology

— **Figure**

See also Geodesy

— **Rotation**

— **Temperature**

Earth worms *see* Earthworms

Earthenware *see* Pottery

Earthquakes

See also Geology; Physical geography; Volcanoes

Earths, Rare, *see* Rare earths

Earthwork

See also Civil engineering; Dams; Embankments; Excavation; Fortification; Foundations; Tunnels; Walls

Earthworks (archaeology)

See also Archaeology; Mounds and mound builders

Earthworms

Easements

See also Eminent domain; Real estate

East

See also Asia; Levant

Easter

See also Carols; Jesus Christ — Resurrection and ascension; Lent

Eastern churches

See also Coptic church; Greek church; Nestorians

Eastern empire *see* Byzantine empire

Eastern question (Central Asia)

See also Asia, Central; British in Asia (Central); Russians in Asia (Central); Tibet; Turkestan

Eastern question (Far East)

See also Boxers; China; Chinese-Japanese war, 1894-1895; Japan; Korea; Manchuria; Russo-Japanese war, 1904-1905

Eastern question (Near East)

See also Balance of power; Balkan peninsula; Crimean war; Panislamism; Panславism; Russia — Foreign relations; Russo-Turkish war, 1877-1878; Turkey — Foreign relations

Eating

See also Breakfasts; Cookery; Diet; Dinners and dining; Drinking customs; Food; Luncheons; Menus; Table

Eccentricity

Ecclesiastical antiquities *see* Christian antiquities

Ecclesiastical architecture *see* Church architecture

Ecclesiastical art *see* Christian art and symbolism

Refer from Geology

Refer from Figure of the earth (s); Geodesy

Refer from Pendulum; Rotation; Rotation of the earth (s)

Refer from Heat; Temperature

Refer from Disasters; Earth; Geology; Physical geography; Seismology (s); Volcanoes

Refer from Civil engineering; Embankments; Engineering; Excavation; Fortification; Foundations; Railroads; Railroads — Construction

Refer from Archaeology; Excavations (s); Mounds and mound builders

Refer from Earth worms (s); Worms

Refer from Deeds; Eminent domain; Land; Law; Real estate; Trespass

Refer from Asia; Far East (s); Levant; Orient (s)

Refer from Christian year; Fasts and feasts; Holy week; Jesus Christ; Jesus Christ — Resurrection and ascension; Lent

Refer from Church history; Coptic church; Greek church; Nestorians

Refer from Asia, Central; British in Asia (Central); British in India; International relations; Russians in Asia (Central); Tibet; Turkestan

Refer from Boxers; China; Chinese question (s); Far-eastern question (s); International relations; Japan; Korea; Manchuria; Yellow peril (s)

Refer from Balance of power; Balkan peninsula; Balkan question (s); Europe — Politics; International relations; Russia — Foreign relations; Turkey — Foreign relations

Refer from Dinners and dining; Drinking customs; Food; Gastronomy (s); Manners and customs; Meals (s); Table

Refer from Conduct of life; Insanity; Psychology

Ecclesiastical biography *see* Christian biography
 Ecclesiastical ceremonies *see* Rites and ceremonies
 Ecclesiastical costume *see* Church vestments
 Ecclesiastical fasts and feasts *see* Fasts and feasts
 Ecclesiastical furniture *see* Church furniture
 Ecclesiastical history *see* Church history
 Ecclesiastical law *see* Church law
 Ecclesiastical polity *see* Church polity
 Ecclesiastical statistics *see* Church statistics
 Ecclesiastical vestments *see* Church vestments
Echinodermata

See also Invertebrates

Eclectic medicine *see* Medicine, Eclectic

Eclipses

See also Astronomy; Astronomy, Spherical and practical; Moon; Occultations; Sun; Transits

Eclogues *see* Pastoral poetry

Ecology

See also Acclimatization; Acclimatization (plants); Adaptation (biology); Environment; Geographical distribution of animals and plants; Seeds — Dispersal

Economic botany *see* Botany, Economic

Economic conditions *see* names of countries, subhead Economic conditions

Economic determinism

See also Socialism

Economic entomology *see* Insects, Injurious and beneficial

Economic geography *see* Commercial geography

Economic geology *see* Geology, Economic

Economic zoology *see* Zoology, Economic

Economics

See also Apprentices; Balance of trade; Banks and banking; Business; Business depression; Capital; Charities; Combination, Industrial; Commerce; Communication; Communism; Competition; Consumption (economics); Cooperation; Corn laws; Cost; Cost of living; Credit; Debts, Public; Economic determinism; Efficiency, Industrial; Exchange; Factory system; Finance; Food supply; Gilds; Government ownership; Government regulation of industry; Home economics; Income; Individualism; Industry; Interest; Investments; Labor and capital; Labor and laboring classes; Labor unions; Land; Land tenure; Leisure class; Luxury; Manufactures; Money; Monopolies; Panics; Physiocrats; Poor; Population; Precious metals; Prices; Privileged classes; Profit; Profit sharing; Property; Prosperity; Rent; Salaries; Socialism; Speculation; Standard of living; Statistics; Stock exchange; Stocks; Strikes and lock-outs; Sumptuary laws; Supply and demand; Tariff; Tariff question; Taxation;

Refer from Invertebrates; Marine zoology

Refer from Astronomy; Astronomy, Spherical and practical; Lunar eclipses (s); Moon; Solar eclipses (s); Sun

Refer from Acclimatization; Acclimatization (plants); Adaptation (biology); Biology; Bio-nomics (s); Botany — Ecology (s); Environment; Geographical distribution of animals and plants; Natural history; Ecology (s); Zoology

Refer from Determinism, Economic (s); Economics; Historic materialism (s); History — Philosophy; Progress; Socialism

Refer from Banks and banking; Business; Capital, Commerce; Consumption (economics); Distribution of wealth (s); Exchange; Finance; Government; Individualism; Industry; Labor and laboring classes; Political economy (s); Prices; Production (s); Profit; Rent; Science; Social science (s); Socialism; Sociology; Supply and demand; Tariff; Tariff question; Taxation; Wages; Wealth

Thrift; Transportation; Trusts; Unearned increment; Unemployed; Value; Wages; Wealth; *also* names of countries, subhead Economic conditions

Economy *see* Thrift

Ecstasy

Ecumenical councils *see* Councils and synods
also names of special councils

Eddas

See also Icelandic literature; Sagas

Eden

See also Bible — Old Testament — Genesis; Fall of man

Editorials

See also Journalism

Education

See also Auxiliary schools; Bible in the schools; Blind — Asylums and education; Books and reading; Business education; Charity schools; Child study; Children; Church and education; Civilization; Classical education; Coeducation; College education, Value of; Colléges and universities; Compulsory education; Correspondence schools and courses; Country schools; Culture; Curriculum; Deaf and dumb — Asylums and education; Education and citizenship; Education and crime; Education and state; Education of women; Educational associations; Educators; Evening and continuation schools; Examinations; Farm schools; Grammar schools; High schools; Home education; Illiteracy; Indians — Education; Industrial education; Kindergarten; Knowledge; Lectures and lecturing; Libraries; Libraries and schools; Lyceums; Manual training; Mechanics' institutes; Memory; Mental discipline; Military education; Moral education; Nature study; Naval education; Negroes — Education; Normal schools; Object teaching; Open-air schools; Overpressure (education); Physical education; Private schools; Professional education; Psychology; Psychology, Educational; Public schools; Public schools and religion; Ragged schools; Reformatories; Religious education; Research; Scholars; Scholarships; Schools; Self-culture; Self-government (in education); Seminary method; Students; Study; Summer schools; Sunday schools; Teachers; Teaching; Technical education; Textbooks; Theological schools; Trade schools; University extension; Vacation schools; Vocational education; *also* headings beginning School, and subhead Study and teaching under special subjects, e.g. Art — Study and teaching

— Classical, *see* Classical education

— Compulsory, *see* Compulsory education

— Elementary

See also Busy work; Children, Abnormal and backward; Country schools;

Refer from Psychology; Religion

Refer from Icelandic literature; Mythology, Norse; Sacred books; Sagas; Scandinavian literature

Refer from Bible — Old Testament — Genesis; Fall of man; Garden of Eden (s); Paradise (s)

Refer from Journalism; Literature; Newspapers; Rhetoric

Refer from Boys; Civilization; Colleges and universities; Culture; Girls; Instruction (s); Knowledge; Learning (s); Mental discipline; Psychology; Public schools; Scholarship (s); Schools; Self-culture; Social problems; Sociology; Students; Study; Teachers; Teaching; Training

Refer from Children; Children — Education (s); Education, Primary (s); Education

Education — Continued

Grammar schools; Home education; Industrial education; Kindergarten; Object teaching; Private schools

— Higher, *see* Classical education; College education, Value of; Colleges and universities; Professional education; Technical education

— Industrial, *see* Industrial education

— Medical, *see* Medicine — Study and teaching

— Military, *see* Military education

— Moral, *see* Moral education

— Musical, *see* Music — Instruction and study

— Naval, *see* Naval education

— Primary, *see* Education, Elementary

— Professional, *see* Professional education

— Religious, *see* Religious education

— Scientific, *see* Science — Study and teaching

— Secondary

See also Academies (schools); Evening and continuation schools; High schools; Private schools

— Technical, *see* Technical education

— U. S.

See also Colleges and universities — U. S.; Public schools — U. S.; U. S.—Intellectual life

Education and church *see* Church and education

Education and citizenship

See also Education and crime; Illiteracy; School city

Education and crime

See also Illiteracy

Education and state

See also Public schools; Research; Scholarships

Education of children *see* Education, Elementary; Home education; Kindergarten

Education of women

See also Coeducation

Educational associations

Educational laws *see* School laws

Educational psychology *see* Psychology, Educational

Educational societies *see* Educational associations

Educators

See also Teachers

Efficiency, Industrial

See also Ability; Age limit of employment; Executive ability; Scientific management

Eggs

See also Birds' eggs; Cold storage; Cookery — Eggs; Embryology; Poultry

of children (s); Elementary education (s); Grammar schools; Primary education (s); Primary schools (s)

Refer from Academies (schools); High schools; Preparatory schools (s); Secondary education (s); Secondary schools (s)

Refer from Colleges and universities — U. S.; Public schools — U. S.; U. S.—Education (s); U. S.—Intellectual life; U. S.—Schools (s)

Refer from Citizenship; Education; Illiteracy

Refer from Crime and criminals; Education; Education and citizenship; Illiteracy

Refer from Education; Government; Public schools; State and education (s)

Refer from Coeducation; Colleges and universities; Education; Girls; Women; Women—Education (s)

Refer from Education; Educational societies (s); Societies; Teachers

Refer from Biography; Education; Teachers

Refer from Ability; Economics; Executive ability; Industrial efficiency (s); Industry; Labor and laboring classes; Scientific management

Refer from Animal products; Food; Poultry

Egoism

See also Altruism; Avarice; Selfishness

Egypt — Antiquities

See also Mummies; Obelisks; Pyramids

—History**—Ancient****—Modern****Egyptian language**

See also African languages; Coptic language; Hamitic languages; Hieroglyphics

Egyptology *see* Egypt — Antiquities

Eight-hour day *see* Hours of labor

Eighteenth century

See also English literature — History and criticism — Eighteenth century; History, Modern

Elasticity

See also Strains and stresses; Strength of materials

Election (in theology) *see* Predestination

Election laws

See also Nominations; Suffrage

Elections

See also Australian ballot; Ballot; Bribery; Campaign funds; Caucus; Citizenship; Election laws; Gerrymander; Nominations; Political corruption; Primaries; Proportional representation; Recall; Representative government and representation; Suffrage; Voting machines

—U. S.

See also Campaign funds; Gerrymander; Nominations; Political conventions; Presidents — U. S. — Election; Primaries; Senators — U. S. — Election

Elective franchise *see* Suffrage

Electric apparatus and appliances

See also Armatures; Cohers; Condensers (electricity); Dynamos; Electric batteries; Electric bells; Electric furnaces; Electric gas lighting; Electric lamps; Electric machinery; Electric meters; Electric motors; Electric toys; Electric transformers; Electricity in mining; Electricity in the home; Electricity on the farm; Electromagnets; Fans, Electric; Fire alarms; Galvanometer; Induction coils; Rheostats; Switchboards

Electric arc

See also Electric lamps

Electric armatures *see* Armatures

Electric batteries

See also Storage batteries

Electric bells

Refer from Altruism; Avarice; Conduct of life; Ethics; Hedonism; Philosophy; Selfishness

Refer from Egyptology (s); Mummies; Obelisks; Pyramids

Refer from African languages; Hamitic languages; Hieroglyphics

Refer from Europe — History — 1492-1789; History, Modern

Refer from Compressibility; Matter; Mechanics; Physics; Statics; Strains and stresses; Strength of materials

Refer from Elections; Law; Nominations; Registration laws (s); Suffrage

Refer from Ballot; Caucus; Corrupt practices at elections (s); Government; Nominations; Politics; Primaries; Representative government and representation; Suffrage; Voting (s)

Refer from Campaigns, Presidential (s); Presidential campaigns (s); Presidential elections (s); Presidents — U. S. — Election; U. S. — Elections (s); U. S. — Government; U. S. — Politics

Refer from Electric engineering; Electric machinery; Instruments

Refer from Arc, Electric (s); Arc light (s); Electric lighting; Voltaic arc (s)

Refer from Batteries (electric) (s); Cell, Voltaic (s); Electric apparatus and appliances; Electric cells (s); Electrochemistry; Galvanic batteries (s); Primary batteries (s); Storage batteries; Voltaic cell (s)

Refer from Bells; Electric apparatus and appliances; Electricity in the home

Electric boats *see* Motor boats

Electric cables

See also Cables, Submarine; Electric wire and wiring; Electricity — Distribution; Insulation

Electric carriages *see* Automobiles

Electric cells *see* Electric batteries

Electric condensers *see* Condensers (electricity)

Electric conductivity

See also Electric conductors; Electric measurement; Electric resistance

Electric conductors

See also Electric cables; Electric power transmission; Electric wire and wiring; Electricity — Distribution; Lightning conductors

Electric controllers

See also Electric motors; Rheostats

Electric current converters

See also Electric transformers

Electric currents

See also Electric conductivity; Electric conductors; Electric measurement; Electric meters; Electric power transmission; Electric testing; Electric transformers; Electricity — Distribution; Electrodynamics

—Alternating

See also Electric power transmission; Electric waves; Electricity — Distribution

Electric discharges through gases

See also Cathode rays; Ionization of gases; Radioactivity; X rays

Electric distribution *see* Electricity — Distribution

Electric driving

See also Electric motors; Electric power; Electric power transmission; Electricity — Distribution

Electric engineering

See also Armatures; Dynamos; Electric apparatus and appliances; Electric heating; Electric lighting; Electric machinery; Electric meters; Electric motors; Electric power transmission; Electric railroads; Electricians; Electricity; Electricity — Distribution; Electricity in mining; Hydroelectric plants; Power plants, Electric; Telautograph; Telegraph; Telephone; Wireless telegraphy

Electric fans *see* Fans, Electric

Electric furnaces

See also Electric heating; Electrometallurgy

Electric gas lighting

Electric generators *see* Dynamos

Electric heating

See also Electric furnaces

Refer from Cables; Electric conductors; Electric wire and wiring; Electricity — Distribution; Insulation

Refer from Conductivity, Electric (s); Electric currents; Electric resistance

Refer from Conductors, Electric (s); Electric conductivity; Electric currents; Electric power transmission; Electric wire and wiring; Electricity — Distribution; Wiring, Electric (s)

Refer from Controllers, Electric (s); Electric machinery; Electric motors; Rheostats

Refer from Converters, Electric (s); Electric machinery; Electric transformers

Refer from Currents (s); Electric potential (s); Electric transformers; Electricity — Distribution; Electrodynamics

Refer from Alternating currents (s); Currents, Alternating (s); Electric waves; Induction coils; Polyphase currents (s)

Refer from Cathode rays; Electrons; Gases; Ionization of gases; Ions; X rays

Refer from Electric machinery; Electric motors; Electric power; Electric power transmission; Electricity — Distribution; Machine tools

Refer from Electric machinery; Engineering; Engineering, Electrical (s); Industrial arts; Machinery; Mechanical engineering

Refer from Electric apparatus and appliances; Electric heating; Electric smelting (s); Electrochemistry; Electrometallurgy; Furnaces

Refer from Electric apparatus and appliances; Electric ignition of gas (s); Electric lighting; Gas lighting

Refer from Electric engineering; Electric furnaces; Electricity in the home; Heating

Electric ignition of gas *see* Electric gas lighting

Electric insulation *see* Insulation

Electric lamps

See also Electric lighting

Electric launches *see* Motor boats

Electric light *see* Electric lighting

Electric light carbons

Electric lighting

See also Electric arc; Electric gas lighting; Electric lamps; Electric light carbons; Electric meters; Electric wire and wiring; Electricity — Distribution; Photometry; Searchlights; Switchboards

Electric locomotives

See also Railroads — Electrification

Electric machinery

See also Commutators; Dynamos; Electric apparatus and appliances; Electric controllers; Electric current converters; Electric driving; Electric engineering; Electric motors; Electric transformers; Electricity in mining; Electricity on the farm

—Alternating current

Electric measurement

See also Electric meters; Electric resistance; Electric testing; Galvanometer; Inductance

Electric meters

See also Electric measurement; Electric testing; Wattmeter

Electric mining *see* Electricity in mining

Electric motors

See also Armatures; Commutators; Dynamos; Electric controllers; Electric driving; Electric locomotives; Electric machinery; Electric power; Electric transformers

Electric plants *see* Power plants, Electric

Electric potential *see* Electric currents; Electromotive force; Electrostatics; Potential, Theory of

Electric power

See also Electric driving; Electric motors; Electric power transmission; Electricity — Distribution; Power plants, Electric

Electric power distribution *see* Electric power transmission; Electricity — Distribution

Electric power plants *see* Power plants, Electric

Electric power transmission

See also Electric conductors; Electric driving; Electric power; Electricity — Distribution; Hydro-electric plants; Power plants, Electric; Power transmission

Refer from Arc lamps (s); Electric apparatus and appliances; Electric arc; Electric lighting; Incandescent lamps (s); Lamps

Refer from Carbon; Carbons (electric light) (s); Electric lighting

Refer from Arc light (s); Electric engineering; Electric lamps; Electric light (s); Incandescent lighting (s); Lighting

Refer from Electric motors; Electric railroads; Locomotives; Railroads — Electrification

Refer from Continuous current machinery (s); Electric apparatus and appliances; Electric engineering; Electric motors; Machinery

Refer from Alternating current machinery (s)

Refer from Electric conductivity; Electric currents; Electric meters; Electric resistance; Electric testing; Galvanometer; Units; Weights and measures

Refer from Electric apparatus and appliances; Electric currents; Electric engineering; Electric lighting; Electric measurement; Electric testing; Meters (s)

Refer from Commutators; Dynamo-electric machines (s); Dynamos; Electric apparatus and appliances; Electric controllers; Electric driving; Electric engineering; Electric machinery; Electric power; Electric railroads; Electromotors (s); Induction motors (s); Motors

Refer from Electric driving; Electric motors; Electric power transmission; Electricity — Distribution; Power; Power plants, Electric

Refer from Electric conductors; Electric currents; Electric currents, Alternating; Electric driving; Electric engineering; Electric power; Electric power distribution (s); Electric transmission of power (s); Electricity — Distribution; Hydro-electric plants; Power plants, Electric; Power transmission; Transmission of power (s)

Electric railroads

See also Electric locomotives; Electric motors; Railroads — Electrification; Railroads — Single rail; Rapid transit; Street railroads; Suspended railways

Electric resistance

See also Electric conductivity; Electric measurement; Electric testing; Insulation; Rheostats

Electric rheostats *see* Rheostats

Electric smelting *see* Electric furnaces; Electrometallurgy

Electric stations *see* Power plants, Electric

Electric street railroads *see* Electric railroads

Electric switchboards *see* Switchboards

Electric telegraph *see* Telegraph

Electric testing

See also Dynamometer; Electric measurement; Electric meters; Electric resistance

Electric toys

Electric tramways *see* Electric railroads

Electric transformers

See also Electric current converters; Electric currents; Electricity — Distribution; Induction coils

Electric transmission of power *see* Electric power transmission

Electric treatment *see* Electrotherapeutics

Electric waves

See also Coherers; Electric currents, Alternating; Wireless telegraphy

Electric welding *see* Welding

Electric wire and wiring

See also Electric cables; Electric conductors; Electricity — Distribution; Insulation

Electric wiring *see* Electric wire and wiring

Electrical *see* Electric

Electricians

Electricity

See also Armatures; Atmospheric electricity; Dynamos; Electrons; Inductance; Induction coils; Insulation; Ionization of gases; Ions; Lightning; Magnetism; Microphone; Phonograph; Radioactivity; Telegraph; Telephone; Telpherage; Wireless telegraphy; X rays; *also* headings beginning Electric and Electro

— Animal, *see* Electrophysiology

— Atmospheric, *see* Atmospheric electricity

— Distribution

See also Electric cables; Electric conductors; Electric currents; Electric driving; Electric power; Electric power transmission; Electric transformers; Electric wire and wiring; Power plants, Electric; Switchboards

Refer from Electric engineering; Electric street railroads (s); Electric tramways (s); Interurban railroads (s); Railroads; Railroads, Electric (s); Railroads — Electrification; Rapid transit; Street railroads; Transportation; Trolley lines (s)

Refer from Electric conductivity; Electric measurement; Electric testing; Insulation; Resistance, Electric (s); Rheostats

Refer from Electric currents; Electric measurement; Electric meters; Electric resistance; Testing (s)

Refer from Electric apparatus and appliances; Toys

Refer from Electric apparatus and appliances; Electric current converters; Electric currents; Electric machinery; Electric motors; Electricity — Distribution; Induction coils; Transformers (s)

Refer from Electric currents, Alternating; Hertzian waves (s); Interference (light); Waves; Wireless telegraphy

Refer from Electric cables; Electric conductors; Electric lighting; Electric wiring (s); Electricity — Distribution; Insulation; Municipal improvement; Telegraph; Telephone; Wire; Wiring, Electric (s)

Refer from Biography; Electric engineering; Scientists

Refer from Electric engineering; Electrostatics; Galvanism (s); Lightning; Magnetism; Physics; Voltaic electricity (s)

Refer from Distribution of electricity (s); Electric cables; Electric conductors; Electric currents; Electric currents, Alternating; Electric distribution (s); Electric driving; Electric engineering; Electric lighting; Electric power; Electric power distribution (s); Electric power

Electricity — Continued

—Experiments

—Medical, *see* Electrotherapeutics

Electricity in agriculture *see* Electricity on the farm

Electricity in horticulture *see* Electrohorticulture

Electricity in medicine *see* Electrotherapeutics

Electricity in mining

See also Mining engineering; Mining machinery

Electricity in the home

See also Electric bells; Electric heating

Electricity on the farm

See also Electricity in the home; Electrohorticulture; Farm implements and machinery; Farm motors

Electricution *see* Electrocutation

Electrification of railroads *see* Railroads—Electrification

Electrobiology *see* Electrophysiology

Electrochemistry

See also Chemistry, Physical; Dissociation; Electric batteries; Electric furnaces; Electrolysis; Electrolytes; Electrometallurgy; Electromotive force; Ions

Electroculture of plants *see* Electrohorticulture

Electrocutation

Electrodeposition of metals *see* Electrometallurgy; Electroplating

Electrodynamics

See also Electric currents; Inductance

Electrogalvanizing *see* Galvanizing

Electrohorticulture

Electrolysis

See also Chemistry, Physical; Corrosion and anti-corrosives; Dissociation; Electrochemistry; Electrolytes; Electrometallurgy; Ions

Electrolytes

See also Electrochemistry; Electrolysis; Ions

Electromagnets

See also Armatures; Commutators; Induction coils

Electrometallurgy

See also Cyanide process; Electric furnaces; Electrochemistry; Electrolysis; Electroplating; Electrotyping; Magnetic separation of ores; Metallurgy

Electromotive force

Electromotors *see* Electric motors

transmission; Electric transformers; Electric wire and wiring

Refer from Experiments (s); Physics — Experiments

Refer from Electric apparatus and appliances; Electric engineering; Electric machinery; Electric mining (s); Mining engineering; Mining machinery

Refer from Electric apparatus and appliances; Electricity on the farm; Home economics

Refer from Agriculture; Electric apparatus and appliances; Electric machinery; Electricity in agriculture (s); Farm implements and machinery; Farm motors

Refer from Chemistry; Chemistry, Physical; Chemistry, Technical; Dissociation; Electrolysis; Electrolytes; Electrometallurgy; Ions

Refer from Capital punishment; Electricution (s)

Refer from Dynamics; Electric currents

Refer from Electricity in horticulture (s); Electricity on the farm; Electroculture of plants (s); Floriculture; Gardening

Refer from Chemistry — Analysis; Chemistry, Physical; Dissociation; Electrochemistry; Electrolytes; Electrometallurgy; Ions; Solution (chemistry)

Refer from Dissociation; Electrochemistry; Electrolysis; Ions

Refer from Armatures; Electric apparatus and appliances; Hoisting machinery; Induction coils; Magnetism

Refer from Electric furnaces; Electric smelting (s); Electrochemistry; Electrodeposition of metals (s); Electrolysis; Electroplating; Electrotyping; Galvanoplasty (s); Metallurgy; Ore treatment; Smelting

Refer from Electric potential (s); Electrochemistry; Force and energy

Electrons

See also Cathode rays; Electric discharges through gases; Ions; Radioactivity

Electrophysiology

See also Muscles; Nerves; Nervous system

Electroplating

See also Electrometallurgy; Galvanizing

Electrostatics

See also Condensers (electricity); Electricity; Potential, Theory of

Electrotherapeutics

See also Radiotherapy

Electrotyping

See also Electrometallurgy; Stereotyping

Elegiac poetry

Elementary education *see* Education, Elementary; Kindergarten

Elements, Chemical, *see* Chemical elements

Elements, Worship of

See also Fire worship; Nature worship

Elephants

See also Ivory; Mammals; Mammoths

Eleusinian mysteries

See also Mythology, Classical

Elevated railroads

See also Rapid transit

Elevations *see* Altitudes**Elevators**

See also Hoisting machinery

Elevators, Grain, *see* Grain elevators

Elixir of life

See also Alchemy; Philosopher's stone

Elizabethan age *see* England — History —

Elizabethan period; English literature —

History and criticism — Elizabethan period;

Shakespeare, William — Contemporary England

Elizabethan literature *see* English literature —

History and criticism — Elizabethan period

Ellipse

See also Conic sections

Elliptic functions *see* Functions

Elocution

See also Acting; Debating; Delsarte system; Eloquence; Expression; Gesture; Oratory; Preaching; Pronunciation; Reading; Recitations and readings; Rhetoric; Singing and voice culture; Ventriloquism; Voice

Refer from Atoms; Cathode rays; Dissociation; Electricity; Ions; Magneto-optics; Matter; Radioactivity

Refer from Animal electricity (s); Biology; Electricity, Animal (s); Electrobiology (s); Nervous system; Physiology; Zoology

Refer from Electrodeposition of metals (s); Electrometallurgy; Galvanizing; Galvanoplasty (s); Gilding; Plating; Silver-plating (s); Silverplating (s)

Refer from Condensers (electricity); Electric potential (s); Physics; Static electricity (s); Statics

Refer from Electric treatment (s); Electricity, Medical (s); Electricity in medicine (s); Medical electricity (s); Therapeutics

Refer from Electrometallurgy; Galvanoplasty (s); Printing; Stereotyping

Refer from Poetry

Refer from Nature worship; Worship

Refer from Hunting; Mammals

Refer from Mysteries (religious); Mythology, Classical

Refer from Railroads; Railroads, Elevated (s); Rapid transit; Street railroads

Refer from High buildings; Hoisting machinery; Lifts (s)

Refer from Alchemy; Medicine, Medieval; Philosopher's stone

Refer from Conic sections

Refer from Debating; Declamation (s); Dramatic expression (s); Eloquence; Expression; Gesture; Language; Oratory; Preaching; Reading; Rhetoric; Speaking (s); Speech; Voice

Eloquence

See also Elocution; Oratory

Elves *see* Fairies

Refer from Elocution; Oratory; Rhetoric

Emancipation *see* Catholic emancipation;
Slavery; Women — Social condition

Embalming

See also Mummies

Embankments

See also Civil engineering; Earthwork;
Sea walls

Embargo laws

See also U. S. — History — 1783-1812

Embezzlement

See also Forgery

Emblems

See also Christian art and symbolism;
Devices; Insignia; Mottoes; Symbolism

Embossing

Embroidery

See also Fancy work; Needlework

Embryology

See also Biology; Botany — Embryology;
Cells; Parthenogenesis; Protoplasm; Re-
production

Emergencies *see* Accidents; First aid in illness
and injury

Emigration *see* Immigration and emigration

Eminent domain

See also Cemeteries; Constitutional law;
Damages; Easements; Municipal corpora-
tions; Police power; Public service corpora-
tions; Roads

Emmanuel movement

See also Medicine and religion

Emotions

See also Anger; Enthusiasm; Envy; Eth-
ics; Expression; Fear; Hate; Jealousy;
Joy; Laughter; Love; Melancholy; Pain;
Pleasure; Psychology; Sympathy

Emperors

See also Kings and rulers; Roman emperors

Empiricism

See also Pragmatism

Employees' welfare *see* Industrial betterment

Employers' associations

See also Blacklisting; Combination, In-
dustrial; Trade agreements

Employers' liability

See also Accidents; Damages; Factory
inspection; Factory laws; Insurance, Acci-
dent; Labor laws; Master and servant;

Refer from Burial; Death; Mortuary cus-
toms (s); Mummies

Refer from Canals; Civil engineering; Dams;
Dikes (engineering) (s); Dykes (s); Earth-
work; Engineering; Hydraulic engineering;
Levees (s); Rivers; Sea walls

Refer from Commerce; International law;
U. S.—Commerce; U. S.—History — 1783-
1812

Refer from Crime and criminals; Defalca-
tion (s); Forgery; Larceny; Stealing (s);
Theft (s); Thieves

Refer from Christian art and symbolism;
Devices; Heraldry; Literature; Symbolism

Refer from Printing

Refer from Arts and crafts; Decoration and
ornament; Domestic arts; Fancy work;
Needlework; Stitches (s); Textile industry
and fabrics

Refer from Biology; Cells; Development (s);
Eggs; Evolution; Morphology; Physiology;
Protoplasm; Reproduction; Zoology

Refer from Appraising; Arbitration and
award; Cemeteries; Condemnation of land (s);
Constitutional law; Damages; Domain, Emi-
nent (s); Easements; Expropriation (s);
Land; Land tenure; Law; Police power;
Property; Public service corporations; Rail-
roads; Real estate; Roads

Refer from Church and healing (s); Faith
cure; Medicine and religion; Mental healing;
Mind and body; Suggestive therapeutics;
Therapeutics

Refer from Anger; Enthusiasm; Envy;
Ethics; Fear; Feelings (s); Hate; Jealousy;
Joy; Passions (s); Pleasure; Psychology;
Sympathy

Refer from Biography; Kings and rulers;
Monarchy; Rulers (s); Sovereigns (s)

Refer from Philosophy

Refer from Blacklisting; Combination, In-
dustrial; Guilds; Labor and capital; Labor
unions

Refer from Accidents; Agency; Compensa-
tion (s); Damages; Factory inspection; Fac-
tory laws; Insurance, Accident; Insurance,

Negligence; Occupations, Dangerous; Safety devices

Employers' welfare institutions *see* Industrial betterment

Employment agencies

See also Labor exchanges

Empresses *see* Queens and empresses

Enamel

See also Arts and crafts; Cloisonné

Encyclopaedias *see* Encyclopedias

Encyclopaedists *see* Encyclopedists

Encyclopedias

See also Dictionaries. For encyclopedias of a special subject *see* the subject, e.g. Botany — Dictionaries

Encyclopedists

Endless punishment *see* Future punishment

Energy *see* Force and energy

Engineering

See also Aeronautics; Aqueducts; Arches; Architecture; Blasting; Boring; Breakwaters; Bridges; Building; Building materials; Canals; Chemical engineering; Civil engineering; Curves in engineering; Docks; Drainage; Dredging; Earthwork; Electric engineering; Engineers; Engines; Foundations; Harbors; Hydraulic engineering; Industrial arts; Irrigation; Machinery; Marine engineering; Masonry; Mechanical drawing; Mechanical engineering; Mechanics; Mensuration; Military engineering; Mining engineering; Municipal engineering; Railroad engineering; Railroads — Construction; Reclamation of land; Rivers; Roads; Sanitary engineering; Sea walls; Statics; Steam engines; Strength of materials; Subways; Surveying; Tunnels; Walls; Water supply

— Chemical, *see* Chemical engineering

— Civil, *see* Civil engineering

— Electrical, *see* Electric engineering

— Hydraulic, *see* Hydraulic engineering

— Marine, *see* Marine engineering

— Mechanical, *see* Mechanical engineering; Mechanics, Applied

— Military, *see* Military engineering

— Mining, *see* Mining engineering

— Municipal, *see* Municipal engineering

— Sanitary, *see* Sanitary engineering

Engineering materials *see* Building materials

Engineers

Engines

See also Air engines; Blowing engines; Farm motors; Fire engines; Fuel; Gas and oil engines; Heat engines; Locomotives; Marine engines; Mechanical engineering; Motors; Pumps; Steam engines; Traction engines; Turbines

England, Church of, *see* Church of England

Industrial; Labor and capital; Labor and laboring classes; Labor laws; Liability, Employers' (s); Master and servant; Negligence; Occupations, Dangerous; Safety devices; Workmen's compensation (s)

Refer from Agency; Intelligence offices (s); Labor and laboring classes; Labor exchanges; Servants; Unemployed; Wages

Refer from Arts and crafts; Cloisonné; Decoration and ornament

Refer from Cyclopedias (s); Dictionaries; Encyclopaedias (s); Reference books

Refer from Encyclopaedists (s); French literature; Materialism; Philosophy, French

Refer from Building; Civil engineering; Construction (s); Hydraulic engineering; Industrial arts; Machinery; Mathematics; Mechanical engineering; Mechanics; Military engineering; Surveying; Technology

Refer from Biography; Engineering

Refer from Engineering; Machine shop practice; Machinery; Mechanical engineering; Motors; Power

England — History

—To 1066

See also Anglo-Saxons; Britons

—Normans, 1066-1154

See also Domesday book; Hastings, Battle of; Normans

—Plantagenets, 1154-1399

See also Barons' war; Black death; England — History — Lancaster and York; Hundred years' war; Magna charta

—Lancaster and York, 1399-1485

See also Agincourt, Battle of; Hundred years' war; Wars of the Roses

—Tudors, 1485-1603

See also England — History — Elizabethan period

—Elizabethan period, 1558-1603

See also Armada, 1588; England — History — Tudors; Shakespeare, William — Contemporary England

—Stuarts, 1603-1714

See also England — History — Civil war and commonwealth; Gunpowder plot; Jacobites; King William's war; Nonjurors; Popish plot; Queen Anne's war; Regicides; Rye House plot; Spanish succession, War of

—Civil war and commonwealth, 1642-1660

See also England — History — Stuarts; Regicides

—1714-1837

See also French and Indian war; Jacobites; Napoleonic wars; Peninsular war, 1807-1814; Seven years' war; U. S. — History — Revolution

—Victorian period, 1837-1901

See also Chartism; Crimean war; South African war, 1899-1902

—1901-

See also South African war, 1899-1902

English ballads *see* Ballads, English

English composition *see* Composition(English); Rhetoric

English dialects *see* English language — Dialects

English dictionaries *see* Dictionaries, English

English drama

See also American drama; Dramatists, English; English literature; Miracle, morality and mystery plays; Theater — England

English essays

See also American essays; English literature

English fiction

See also American fiction; English literature

English grammar *see* Grammar, English

English humor *see* Humor, English

English idioms *see* Idioms, English

English in India *see* British in India

Refer from Great Britain — History (s)

Refer from Anglo-Saxons; Britons

Refer from Hastings, Battle of; Norman conquest (s); Normans

Refer from Barons' war; Hundred years' war

Refer from Agincourt, Battle of; England — History — Plantagenets; Hundred years' war; Wars of the Roses

Refer from England — History — Elizabethan period

Refer from Armada, 1588; Elizabethan age (s); England — History — Tudors

Refer from England — History — Civil war and commonwealth; Gunpowder plot; Popish plot; Regicides; Rye House plot

Refer from Civil war (s); Commonwealth of England (s); England — History — Stuarts; Regicides

Refer from Jacobites

Refer from American drama; Drama; Dramatists, English; English literature; English poetry; Theater — England

Refer from American essays; English literature; Essays

Refer from American fiction; English literature; Fiction

English language

See also Americanisms; Anglo-Saxon language; Briticisms; Composition (English); Dictionaries, English; Germanic languages; Grammar, English; Idioms, English; Pronunciation, English; Prosody, English; Slang; Spelling, English; Synonyms and antonyms, English

—Alphabet, *see* Alphabet

—Composition, *see* Composition (English)

—Conversation and phrase books, *see* English language — For foreigners

—Dialects

See also Americanisms; Briticisms; Negro dialect

—Dictionaries, *see* Dictionaries, English

—Etymology

See also English language — History

—For foreigners

—Grammar, *see* Grammar, English

—History

See also English language — Etymology; English language — Middle English

—Idioms, *see* Idioms, English

—Middle English

—Old English, *see* Anglo-Saxon language; English language — Middle English

—Orthography, *see* Spelling, English

—Pronunciation, *see* Pronunciation, English

—Prosody, *see* Prosody, English

—Readers, *see* Readers

—Rhymes, *see* Rhyme

—Spelling, *see* Spelling, English

—Study and teaching

See also English language — For foreigners

—Synonyms and antonyms, *see* Synonyms and antonyms, English

—Syntax, *see* Grammar, English

English letters *see* Letters, English

English literature

See also American literature; Anglo-Saxon literature; Authors, English; Ballads, English; Canadian literature; English drama; English essays; English fiction; English poetry; Humor, English; Irish literature (English); Letters, English; Newspapers — England; Orations, English; Parodies; Periodicals — England; Satire, English; Scottish literature; Sonnets, English

—Collections

See also English poetry — Collections; Recitations and readings

—History and criticism

—Middle English

—Elizabethan period

—17th century

Refer from Anglo-Saxon language; England — Language (s); Germanic languages; U. S. — Language (s)

Refer from Dialects; Dictionaries, English; England — Dialects (s); English dialects (s); U. S. — Dialects (s)

Refer from English language — History
Refer from English language — Conversation and phrase books (s); English language — Study and teaching; Foreigners (s)

Refer from English language — Etymology

Refer from Early English language (s); English language — History; English language — Old English (s); Middle English language (s); Old English language (s)

Refer from American literature; Anglo-Saxon literature; Authors, English; British literature (s); England — Literature (s); English drama; English essays; English fiction; English poetry; Humor, English; Irish literature (English); Literature; Satire, English; Scottish literature

Refer from English poetry — Collections; Recitations and readings

Refer from Early English literature (s); Middle ages — Literature; Middle English literature (s); Old English literature (s)

Refer from Elizabethan age (s); Elizabethan literature (s)

Refer from Seventeenth century

English literature—History and criticism—

Continued

——18th century

——19th century

——20th century

——Study and teaching

English metrical romances

English newspapers *see* Newspapers — England

English orations *see* Orations, English

English periodicals *see* Periodicals — England

English philosophy *see* Philosophy, English

English poetry

See also American poetry; Anglo-Saxon poetry; Ballads, English; Canadian poetry; English drama; English literature; English metrical romances; Irish poetry; Lake poets; Poets, English; Prosody, English; Scottish poetry; Songs, English; Sonnets, English

——Collections

English satire *see* Satire, English

English songs *see* Ballads, English; Songs, English

English sonnets *see* Sonnets, English

English spelling *see* Spelling, English

English synonyms *see* Synonyms and antonyms, English

English syntax *see* Grammar, English

English wit and humor *see* Humor, English

Engravers

See also Artists

Engraving

See also Bank notes; Color printing; Engravings; Etching; Gems; Glyptics; Illustration of books; Lithography; Photo-engraving; Photogravure; Stipple engraving; Wood engraving

Engravings

See also Color prints; Etchings; Pictures

Enigmas *see* Riddles

Enlightenment

Enlistment *see* Recruiting and enlistment

Ennui

Ensigns *see* Flags

Ensilage

See also Feeding and feeding stuffs

Entail

See also Primogeniture

Enteric fever *see* Typhoid fever

Entertaining

See also Amusements; Balls (parties); Cards; Children's parties; Dinners and dining; Entertainments; Etiquet; Guests; Luncheons; Menus

Entertainments

See also Amateur theatricals; Amusements; Christmas entertainments; Church entertainments; Concerts; Drills and marches; Entertaining; Fairs; Festivals; Holidays; Jarley waxworks; Lectures and lecturing;

Refer from Eighteenth century

Refer from Nineteenth century; Victorian literature (s)

Refer from Twentieth century

Refer from English poetry; Romances

Refer from American poetry; Anglo-Saxon poetry; Ballads, English; British poetry (s); English literature; Lake poets; Poetry; Poets, English; Scottish poetry; Sonnets, English

Refer from English literature — Collections; Recitations and readings

Refer from Artists; Biography

Refer from Art; Chalcography (s); Etching; Graphic arts (s); Illustration of books; Industrial arts; Lithography; Mezzotint (s); Steel engraving (s); Stipple engraving

Refer from Drawings; Engraving; Etchings; Pictures; Prints (s)

Refer from Philosophy; Philosophy, Modern; Rationalism

Refer from Mind and body

Refer from Agriculture; Feeding and feeding stuffs; Forage plants; Silage (s); Silos (s)

Refer from Inheritance; Primogeniture; Property; Real estate

Refer from Entertainments; Etiquet; Guests; Home economics; Hospitality; Parties (s); Society

Refer from Amusements; Church entertainments; Entertaining; Sociables (s); Socials (s)

Moving pictures; Pageants; Panoramas;
Pantomime; Recitations and readings;
School entertainments; Sunday school en-
tertainments; Tableaux; Theater

Enthusiasm

See also Emotions

Entomologists

See also Naturalists

Entomology *see* Insects

Entomology, Economic, *see* Insects, Injurious
and beneficial

Entozoa *see* Parasites

Entrance examinations *see* College entrance
requirements

Environment

See also Acclimatization; Adaptation
(biology); Anthropogeography; Ecology;
Evolution; Heredity

Envy

See also Emotions

Enzymes

See also Fermentation; Malt

Eocene period *see* Geology, Stratigraphic —
Eocene; Paleontology — Eocene

Eolithic period *see* Stone age

Ephemerides *see* Nautical almanacs

Epic poetry

See also Romances

Epicureans

See also Philosophy, Greek

Epidemics

See also Contagion and contagious dis-
eases; Quarantine; *also* names of contagious
diseases, e.g. Black death; Cholera, Asiatic;
Plague; Smallpox; Yellow fever; *also* names
of countries and cities, subhead Epidemics

Epigrams

See also Maxims; Proverbs; Quotations;
Table-talk; Toasts

Epigraphy *see* Inscriptions

Epilepsy

Episcopacy

See also Apostolic succession; Archbishops;
Bishops; Catholic church; Church history;
Church of England; Methodism; Ordina-
tion; Protestant Episcopal church in the
U. S.

Episcopal church *see* Church of England;
Methodist Episcopal church; Protestant
Episcopal church in the U. S.

Epistemology *see* Knowledge; Metaphysics

Epitaphs

See also Brasses; Inscriptions; Obituaries;
Tombstones

Epithets

See also Names; Nicknames

Epizoa *see* Parasites

Refer from Emotions; Fanaticism

Refer from Insects; Naturalists; Scientists;
Zoologists

Refer from Acclimatization; Adaptation
(biology); Anthropogeography; Anthropology;
Ecology; Evolution; Man

Refer from Emotions; Ethics

Refer from Biology; Brewing; Digestion;
Fermentation; Ferments (s); Physiological
chemistry; Soluble ferments (s)

Refer from Poetry

Refer from Ethics; Hedonism; Materialism;
Philosophy; Philosophy, Greek

Refer from Contagion and contagious dis-
eases; Hygiene, Public; Medicine — History;
Pestilences (s); Plague

Refer from Aphorisms (s); Apothegms (s);
Humor; Literature; Maxims; Proverbs; Quo-
tations; Sayings (s)

Refer from Consanguinity; Idiocy; Medicine
— Practice; Nervous system — Diseases

Refer from Apostolic succession; Bishops;
Catholic church; Catholic church — Clergy;
Church of England; Church of England —
Clergy; Church polity; Methodism; Protes-
tant Episcopal church in the U. S.

Refer from Archaeology; Biography; Burial;
Cemeteries; Inscriptions; Literature; Obitua-
ries; Tombs; Tombstones

Refer from Language; Names; Nicknames

Equality

See also Aristocracy; Class distinction; Democracy; Individualism; Liberty; Socialism

Refer from Class distinction; Democracy; Government; Liberty; Socialism; Sociology

Equations

See also Algebra; Groups, Theory of

Refer from Algebra; Calculus; Mathematics

Equestrianism *see* Horsemanship

Equilibrium *see* Statics

Equinoxes

See also Astronomy

Refer from Astronomy; Precession of the equinoxes (s)

Equity

See also Actions at law; Chancery; Justice; Pleading and practice

Refer from Actions at law; Chancery; Jurisdiction; Justice; Law; Pleading and practice

Equivocation

See also Lying

Refer from Ethics; Falsehood (s); Lying; Prevarication (s)

Erosion

See also Coast changes; Geology; Glaciers; Physical geography; Sedimentation and deposition; Valleys

Refer from Abrasion (geology) (s); Coast changes; Denudation (s); Geology; Glaciers; Physical geography; Rivers; Sedimentation and deposition; Valleys; Water

Erratics *see* Boulders

Errors, Popular

See also Blunders; Medical delusions; Superstition

Refer from Blunders; Delusions (s); Mistakes (s); Popular errors (s)

Errors, Theory of

See also Least squares; Probabilities

Refer from Mathematics; Probabilities; Theory of errors (s)

Errors and blunders, Literary

See also Blunders; Literary forgeries and mystifications

Refer from Bibliography; Blunders; Cataloging; Literary blunders (s); Literary forgeries and mystifications; Literature; Mistakes (s)

Erse *see* Gaelic language; Irish language

Eruptive rocks *see* Igneous rocks

Erysipelas**Escapes**

See also Adventure

Refer from Medicine — Practice

Refer from Adventure; Prison escapes (s)

Eschatology

See also Death; Future life; Future punishment; Heaven; Hell; Judgment day; Millennium; Purgatory; Resurrection; Second advent

Refer from Death; Future life; Judgment day; Resurrection; Second advent; Theology

Escuage *see* Scutage

Eskimo language**Eskimos**

See also Alaska; Arctic regions; Ethnology — Alaska

Refer from Indians — Languages

Refer from Alaska; Arctic regions; Esquimaux (s); Ethnology — Alaska; Indians; Inuit (s)

Esoteric Buddhism *see* Theosophy

Esperanto

Esquimaux *see* Eskimos

Refer from Language, Artificial

Essayists

See also Authors

Refer from Authors

Essays

See also American essays; English essays; French essays; *also* subhead Essays, addresses, etc., under various subjects

Refer from Literature

Essences and essential oils

See also Chemistry, Technical; Flavoring extracts; Perfumery

Refer from Agricultural products; Aromatic plant products (s); Chemistry, Organic; Chemistry, Technical; Distillation; Essential oils (s); Flavoring extracts; Oil (s); Oils, Essential (s); Oils and fats; Spices; Vegetable oils (s); Volatile oils (s)

Refer from Jews; Jews — Religion

Essenes

Essential oils *see* Essences and essential oils
Estates, Unclaimed

Esthetics

See also Art; Art — Appreciation; Art — Criticism; Classicism; Color; Criticism; Grotesque; Idealism in art; Idealism in literature; Impressionism (art); Landscape; Music — Philosophy and esthetics; Naturalism in art; Naturalism in literature; Painting; Picturesque; Poetry; Proportion (art); Realism in art; Realism in literature; Rhythm; Romanticism; Sculpture; Sublime; Symmetry

Estimates *see* subhead Estimates under technical subjects, e.g. Building — Estimates

Etching

See also Engraving; Etchings; Pyrography; Stipple engraving; Zincography

Etchings

See also Engravings; Pictures

Eternal life *see* Future life

Eternity

See also Future life

Ether (anesthetic)

See also Anesthetics

Ether (of space)

See also Air

Ethical education *see* Moral education

Ethics

See also Affliction; Altruism; Amusements; Anger; Animals — Treatment; Art and morals; Asceticism; Avarice; Business ethics; Capital punishment; Character; Charity; Chastity; Cheerfulness; Christian ethics; Christian life and character; Civilization; Commandments; Compromise; Conduct of life; Conscience; Contentment; Courage; Courtesy; Crime and criminals; Cruelty; Dancing; Divorce; Dueling; Duty; Egoism; Emotions; Envy; Epicureans; Equivocation; Etiquet; Evil; Family; Fiction; Freedom of the will; Friendship; Gambling; Gentlemen; Gifts; Goodness; Habit; Happiness; Hedonism; Home; Honesty; Honor; Ideals; Interest; Justice; Kindness; Law; Legal ethics; Liberty; Liberty of conscience; Life; Literature, Immoral; Lotteries; Love; Loyalty; Lying; Manners and customs; Marriage; Medical ethics; Mercy; Moral education; Natural law; New thought; Oaths; Obedience; Patience; Patriotism; Peace; Philanthropy; Philosophy; Pleasure; Political ethics; Popularity; Pragmatism; Pride and vanity; Progress; Religion; Religion and ethics; Resignation; Secularism; Self-denial; Self-respect; Selfishness; Sexual ethics; Sin; Sincerity; Slavery; Social ethics; Social problems; Sociology; Soul; Spiritual life; Standard of living; State ethics; Stoics; Success; Suicide; Sunday; Swearing; Sympathy; Temperance; Temptation; Theater; Truth; Utilitarianism; Vice; Virtue; Vivi-

Refer from Genealogy; Inheritance; Property; Real estate; Unclaimed estates (s)

Refer from Aesthetics (s); Art; Art — Appreciation; Art — Criticism; Beautiful, The (s); Beauty (s); Criticism; Literature; Painting; Philosophy; Picturesque; Psychology; Rhetoric; Sculpture; Sublime; Symmetry; Taste (esthetics) (s)

Refer from Art; Engraving; Zincography

Refer from Drawings; Engravings; Etching; Pictures

Refer from Future life; Philosophy; Time

Refer from Aether (s); Anesthetics

Refer from Light; Luminiferous ether (s); Matter; Physics; Space; Waves

Refer from Altruism; Character; Christian ethics; Civilization; Conduct of life; Duty; Emotions; Ethology (s); Family; Hedonism; Immorality (s); Life; Man; Moral philosophy (s); Morality (s); Morals (s); Natural religion; Philosophy; Philosophy, Moral (s); Psychology; Religion; Right and wrong (s); Sociology; Theology; Vice; Virtue; Will

Ethics — Continued

section; War; Wealth; Will; Women; *also* names of countries and cities, subhead Moral conditions

— Christian, *see* Christian ethics

— Commercial, *see* Business ethics

— History

— Japanese

— Jewish

— Legal, *see* Legal ethics

— Medical, *see* Medical ethics

— National, *see* State ethics

— Political, *see* Political ethics

— Practical, *see* Conduct of life

— Sexual, *see* Sexual ethics

— Social, *see* Social ethics

— State, *see* State ethics

Ethics and religion *see* Religion and ethics

Ethnic psychology *see* Ethnopsychology

Ethnography *see* Ethnology

Ethnology

See also Anthropogeography; Anthropology; Anthropometry; Archaeology; Art; Primitive; Bible — Ethnology; Cannibalism; Cave dwellers; Civilization; Cliff dwellers and cliff dwellings; Climate; Color of man; Consanguinity; Costume; Ethnopsychology; Evolution; Folklore; Head-hunters; Industries, Primitive; Lake dwellers and lake dwellings; Language; Man; Manners and customs; Migration of nations; Mounds and mound builders; Mythology; National characteristics; Nations; Race problems; Savages; Skull; Society, Primitive; Tattooing; Totems and totemism; *also* names of countries, subhead Social life and customs, and names of races, tribes and peoples, e.g. Aryans, Gipsies, Hamites, Indians, Malays, Negroes, Semitic race, Yellow races

— U. S.

See also Anglo-Saxons; Indians; Race problems — U. S.

Ethnopsychology

See also National characteristics; Social psychology

Ethology *see* Ethics

Etiquet

See also Conversation; Courtesy; Courts and courtiers; Dancing; Dinners and dining; Entertaining; Gentlemen; Guests; Letter writing; Manners and customs; Precedence; Salutations; Society; Weddings; *also* names of countries, subhead Social life and customs

Etymology

See also Names; Words; *also* names of languages, subhead Etymology

Eucharist *see* Lord's supper; Mass

Euchre

See also Cards

Refer from Japan — Social life and customs; Japanese ethics (s)

Refer from Jewish ethics (s); Jews — Ethics (s); Jews — Social life and customs

Refer from Aborigines (s); Anthropology; Archaeology; Civilization; Ethnography (s); Geography; History; Man; Manners and customs; Migration of nations; Native races (s); Race characteristics (s); Races of man (s); Science

Refer from U. S. — Ethnology (s)

Refer from Anthropology; Ethnic psychology (s); Ethnology; Folk psychology (s); National characteristics; Psychology; Psychology, Comparative; Psychology, Ethnic (s); Psychology, Racial (s); Race psychology (s); Social psychology; Sociology

Refer from Behavior (s); Ceremonies (s); Conduct of life; Courtesy; Entertaining; Ethics; Gentlemen; Ladies (s); Letter writing; Manners (s); Manners and customs; Politeness (s); Self-culture; Society; Usages (s); Weddings; Women

Refer from Grammar; Language; Words

Refer from Cards

Eudiometer

Eugenics

See also Consanguinity; Degeneration; Heredity; Marriage; Prenatal influences

Europe — History

——— **To 476**

See also Migration of nations

——— **476-1492, *see* Middle ages — History**

——— **1492-1789**

See also Austrian succession, War of; Eighteenth century; History, Modern; Seven years' war; Seventeenth century; Sixteenth century; Spanish succession, War of; Thirty years' war

——— **1789-**

See also Crimean war; History, Modern; Holy alliance; Napoleonic wars; Nineteenth century; Peninsular war, 1807-1814; Triple alliance

European literature

See also Literature; *also* names of literatures

Evaluation of literature *see* Book reviews; Books and reading; Books and reading — Best books; Criticism; Literature — History and criticism

Evangelical alliance

Evangelical Lutheran church *see* Lutheran church

Evangelistic work

See also Conversion; Missions; Revivals; Salvation army

Evangelists *see* Apostles; Bible — New Testament; Missionaries

Evaporation

See also Distillation; Drying

Evaporation of fruit *see* Fruit — Evaporation

Evening and continuation schools

Evening schools *see* Evening and continuation schools

Evergreens

See also Forests and forestry; Hedges; Trees

Eviction

Evidence

See also Affidavits; Certainty; Expert evidence; Identification; Logic; Witnesses

Evidences of Christianity *see* Christianity — Evidences

Evidences of the Bible *see* Bible — Evidences and authority

Evil

See also Dualism; Sin; Temptation

Evil eye

See also Charms; Superstition; Witchcraft

Refer from Chemistry — Analysis; Gases

Refer from Anthropology; Breeding; Children; Civilization; Heredity; Man; Marriage; Parents; Prenatal influences; Race improvement (s); Social problems; Sociology

Refer from Austrian succession, War of; History, Modern; Seven years' war; Spanish succession, War of; Thirty years' war

Refer from Crimean war; History, Modern; Holy alliance; Napoleonic wars; Nineteenth century; Peninsular war, 1807-1814; Triple alliance

Refer from Literature

Refer from Christian union; U. S. — Religious history

Refer from Church work; Conversion; Missions; Revivals

Refer from Chemistry; Meteorology; Physics; Vapor (s)

Refer from Continuation schools (s); Education; Education, Secondary; Evening schools (s); Night schools (s); Public schools; Schools

Refer from Forests and forestry; Hedges; Landscape gardening; Trees

Refer from Landlord and tenant; Rent

Refer from Acknowledgments; Actions at law; Circumstantial evidence (s); Criminal law; Faith; Identification; Law; Logic; Philosophy; Presumptive evidence (s); Proof (s); Testimony (s); Trials; Witnesses

Refer from Ethics; Religion; Sin; Temptation; Theology

Refer from Demonology; Folklore; Magic; Superstition; Witchcraft

Evil spirits *see* Demonology

Evolution

See also Adaptation (biology); Anatomy, Comparative; Anthropology; Biology; Color of animals; Color of man; Color of plants; Creation; Degeneration; Embryology; Environment; Heredity; Life — Origin; Man — Origin and antiquity; Mendel's law; Mimicry (biology); Missing link; Natural selection; Religion and science; Species; Teleology; Variation (biology)

Ex libris *see* Bookplates

Examination of witnesses *see* Witnesses

Examination questions *see* Examinations

Examinations

See also Civil service examinations; College entrance requirements; Teachers — Examinations and certificates

Excavating machinery

See also Dredging; Mining machinery; Rock drills

Excavation

See also Earthwork; Excavating machinery; Tunnels

Excavations *see* Archaeology; Earthworks (archaeology)

Exchange

See also Balance of trade; Clearing houses; Commerce; Economics; Finance; Foreign exchange; Money; Stock exchange; Stocks; Supply and demand

Excise laws *see* Internal revenue laws

Excommunication

See also Church discipline; Interdict

Ex-convicts *see* Discharged prisoners

Excursions, School, *see* School excursions

Executioners

Executions *see* Capital punishment

Executive ability

See also Ability; Efficiency, Industrial; Leadership; Scientific management

Executive power

See also Constitutional law; Monarchy; Pardon; Presidents; Veto

Executors *see* Administrators and executors

Exegesis *see* Bible — Criticism and interpretation

Exemption from taxation *see* Taxation, Exemption from

Exercise

See also Gymnastics; Physical education; Play; Running; Training; Walking

Exhaustion *see* Fatigue; Neurasthenia

Exhibitions

See also Agricultural exhibitions; Art — Galleries and museums; Museums; *also* special exhibitions, and subhead Exhibitions under names of cities and under various subjects, e.g. Art — Exhibitions

Exile

See also Expatriation; Penal colonies; Siberia — Exiles

Refer from Adaptation (biology); Anthropology; Biology; Botany; Creation; Darwinism (s); Degeneration; Development (s); Environment; Ethnology; Geology; Heredity; Lamarckism (s); Man; Man — Origin and antiquity; Materialism; Natural history; Natural selection; Origin of species (s); Philosophy; Philosophy, Modern; Religion and science; Science; Sociology; Species; Teleology; Variation (biology); Zoology

Refer from Competitive examinations (s); Education; Examination questions (s); Teaching

Refer from Dredging; Excavation; Machinery; Mining machinery

Refer from Civil engineering; Earthwork

Refer from Banks and banking; Bills of exchange (s); Business; Clearing houses; Commerce; Commercial law; Economics; Finance; Money; Negotiable instruments; Supply and demand

Refer from Catholic church; Catholic church — Government; Church discipline; Church polity; Interdict

Refer from Biography; Capital punishment

Refer from Ability; Efficiency, Industrial; Leadership; Scientific management

Refer from Constitutional law; Government; Presidents

Refer from Gymnastics; Hygiene; Physical education; Therapeutics

Refer from Expositions (s); Fairs; Industrial arts; Industrial exhibitions (s); International exhibitions (s); Museums; World's fairs (s)

Refer from Banishment (s); Expatriation; Penal colonies; Punishment

Exorcism *see* Witchcraft

Expansion (physics)

See also Gases; Heat

Expansive classification *see* Classification,
Expansive

Expatriation

See also Aliens; Citizenship; Exile; Naturalization

Expeditions, Scientific, *see* Scientific expeditions

Experience

See also Pragmatism

Experiment stations *see* Agricultural experiment stations

Experimental chemistry *see* Chemistry—
Laboratory manuals

Experimental psychology *see* Psychology,
Physiological

Experiments *see* under subject, e.g. Agricultural experimentation; Animal experimentation; Chemistry—Laboratory manuals; Electricity—Experiments; Physics—Experiments

Expert evidence

See also Medical jurisprudence

Expert testimony *see* Expert evidence

Explorations *see* Discoveries and explorations

Explorers

See also Discoveries and explorations; Travelers; Voyages and travels; *also* names of continents and countries, subheads Description and travel, and Discovery and exploration

Explosions

See also Boiler explosions; Explosives; Insurance, Casualty; Mine accidents; Safety lamps

Explosives

See also Ammunition; Blasting; Chemistry, Technical; Dynamite; Guncotton; Gunpowder; Mines, Military; Nitroglycerin; Torpedoes

Exportation *see* Commerce; Penal colonies; Tariff

Exports *see* Commerce; Tariff

Expositions *see* Exhibitions

Express companies

See also Carriers; Parcels post

Expression

See also Anatomy, Artistic; Delsarte system; Elocution; Physiognomy; Rhetoric

Expropriation *see* Eminent domain

Exterritorial jurisdiction *see* Exterritoriality

Exterritoriality

See also Ambassadors; Consuls

Extinct animals *see* Animals, Extinct; Paleontology

Extra illustration

Refer from Heat; Physics

Refer from Aliens; Citizenship; Exile

Refer from Knowledge; Psychology

Refer from Evidence; Expert testimony (s); Medical jurisprudence; Trials; Witnesses

Refer from Adventure; Biography; Discoverers (s); Discoveries and explorations; Geography; Heroes; Travelers; Voyagers (s); Voyages and travels

Refer from Accidents

Refer from Blasting; Chemistry, Technical; Dynamite; Explosions; Guncotton; Gunnery; Gunpowder; Manufactures; Military art and science; Mines, Military; Mining engineering; Nitroglycerin

Refer from Carriers; Public service corporations; Railroads; Transportation

Refer from Acting; Anatomy, Artistic; Delsarte system; Dramatic expression (s); Elocution; Emotions; Face; Physiognomy

Refer from Ambassadors; Consuls; Diplomatic and consular service; Exterritorial jurisdiction (s); Extraterritoriality (s); International law

Refer from Grangerism (s); Illustration of books

Extracts, Flavoring, *see* Flavoring extracts

Extradition

See also Asylum, Right of; Political offenses

Extraterritoriality *see* Extrterritoriality

Extravagance

See also Sumptuary laws; Thrift

Extreme unction *see* Uction

Eye

See also Blind; Light; Sight; Spectacles

—**Diseases and defects**

See also Astigmatism; Blind; Color blindness; Eyestrain; Myopia; Ophthalmia

Eye-glasses *see* Spectacles

Eye-strain *see* Eyestrain

Eyes *see* Eye

Eyestrain

Fables

See also Allegories; Animal lore; Bestiaries; Folklore; Parables

Fabliaux

Face

See also Beauty, Personal; Color of man; Cosmetics; Expression; Eye; Mouth; Nose; Physiognomy

Facetiæ *see* Humor

Factories

See also Factory inspection; Factory laws; Factory management; Factory system; Mills and millwork; Textile factories

Factors *see* Brokers and factors

Factory costs *see* Cost accounting

Factory inspection

See also Employers' liability; Factory laws

Factory laws

See also Child labor; Employers' liability; Factory inspection; Hours of labor; Labor laws; Women — Employment

Factory management

See also Cost accounting; Factory system; Scientific management

Factory system

See also Child labor; Factories; Factory inspection; Factory laws; Factory management; Hours of labor; Women — Employment

Factory waste *see* Refuse and refuse disposal; Waste products

Faience *see* Pottery

Failure (in business) *see* Bankruptcy

Fair trade *see* Reciprocity

Fairies

See also Fairy tales; Folklore

Refer from Arrest; Crime and criminals; Criminal law; International law; Law; Political offenses

Refer from Conduct of life; Standard of living; Thrift

Refer from Anatomy; Eyes (s); Face; Head; Light; Ophthalmology (s); Optics, Physiological (s); Sight; Spectacles; Vision (s)

Refer from Astigmatism; Medicine — Practice; Myopia; Ophthalmia

Refer from Eye — Diseases and defects; Eye-strain (s)

Refer from Allegories; Animal lore; Animals — Stories; Fiction; Folklore; Legends; Literature; Parables

Refer from French poetry; Trouvères

Refer from Head; Physiognomy

Refer from Architecture; Factory system; Industrial arts; Manufactures; Mills and millwork

Refer from Employers' liability; Factories; Factory laws; Factory system; Inspection of factories (s)

Refer from Children — Law; Employers' liability; Factories; Factory inspection; Factory system; Government regulation of industry; Labor laws

Refer from Factories; Factory system; Management of factories, shops, etc (s); Scientific management; Works management (s)

Refer from Child labor; Economics; Factories; Factory management; Industry; Labor and laboring classes; Manufactures; Women — Employment

Refer from Elves (s); Fairy tales; Folklore; Gnomes (s); Goblins (s); Superstition

Fairs

See also Agricultural exhibitions; Exhibitions; *also* names of cities, subhead Fairs

Fairy tales

See also Fairies; Folklore

Faith

See also Agnosticism; Belief; Certainty; Creeds; Evidence; Justification; Religion; Sects; Skepticism; Theology; Truth

Faith cure

See also Christian science; Emmanuel movement; Mental healing; Miracles; Suggestive therapeutics

Falconry

See also Game birds

Fall *see* Autumn**Fall of man**

See also Bible — Old Testament — Genesis; Eden; Sin

Fallacies

See also Logic

Falling stars *see* Meteors**Falls** *see* Waterfalls**Falsehood** *see* Equivocation; Lying**Fame**

See also Hall of fame

Families *see* Family; Genealogy**Family**

See also Ancestor worship; Children; Divorce; Domestic relations; Ethics; Fathers; Home; Home economics; Home education; Husbands; Marriage; Patriarchy; Mothers; Parents; Patriarchy; Tribes and tribal system; Widows; Wives; Women

Family histories *see* names of countries and cities, subhead Genealogy; *also* names of individual families**Family prayer** *see* Family worship**Family worship**

See also Devotional exercises; Prayer; Prayers

Famines

See also Starvation

Fan *see* Fans**Fan blowers** *see* Fans, Mechanical**Fan drill** *see* Drills and marches**Fanaticism**

See also Asceticism; Enthusiasm; Flagellants; Inquisition; Persecution

Fancy *see* Imagination**Fancy dress** *see* Costume**Fancy work**

See also Artificial flowers; Beadwork; Crocheting; Decoration and ornament; Drawn work; Embroidery; Knitting; Lace; Leather work; Needlework

Fans

See also Costume

Refer from Amusements; Commerce; Entertainment; Festivals

Refer from Children's literature; Fairies; Fiction; Folklore; Legends; Literature; Mythology; Stories (s)

Refer from Authority (in religion); Belief; Certainty; Christian life and character; Doubt (s); Justification; Religion; Religious belief (s); Theology

Refer from Divine healing (s); Medicine and religion; Mental healing; Subconsciousness; Suggestive therapeutics; Therapeutics

Refer from Birds; Fowling (s); Game birds; Hawking (s); Hunting; Sports

Refer from Bible; Bible — Old Testament — Genesis; Eden; Sin; Temptation; Theology

Refer from Logic

Refer from Success

Refer from Children; Consanguinity; Domestic relations; Ethics; Families (s); Home; Home economics; Husbands; Kinship (s); Man; Marriage; Parents; Social problems; Sociology; Tribes and tribal system; Wives; Women

Refer from Devotional exercises; Family prayer (s); Prayer; Prayers; Worship

Refer from Food supply; History; Relief work (s); Starvation

Refer from Intolerance (s); Religion; Theology

Refer from Crocheting; Decoration and ornament; Domestic arts; Drawn work; Embroidery; Home economics; House decoration; Knitting; Needlework; Women

Refer from Costume; Fan (s)

Fans—Continued

—**Electric**

See also Fans, Mechanical

—**Mechanical**

See also Fans, Electric; Mechanical draft

Far East *see* East

Far-eastern question *see* Eastern question (Far East)

Farm animals *see* Domestic animals; Live stock

Farm buildings

See also Architecture, Domestic; Barns and stables; Poultry houses

Farm colonies

Farm houses *see* Architecture, Domestic; Country houses; Farm buildings

Farm implements and machinery

See also Electricity on the farm; Farm motors; Harvesting machinery; Mowing machines; Plows

Farm labor

See also Peasantry

Farm laws *see* Agricultural laws

Farm life

See also City and country; Country life; Farmers; Gardening; Ranch life

Farm machinery *see* Farm implements and machinery

Farm management

See also Farm labor; Market gardening; Marketing of farm produce; Rotation of crops

Farm motors

See also Electricity on the farm; Farm implements and machinery; Traction engines; Windmills

Farm products *see* Agricultural products; Marketing of farm produce

Farm schools

Farm tools *see* Farm implements and machinery

Farm values

See also Farms, Abandoned

Farmers

See also Agricultural societies; Agriculture; Farm labor; Farm life; Grange

Refer from Electric apparatus and appliances; Electric fans (s); Fans, Mechanical; Ventilating fans (s); Ventilation

Refer from Blowers (s); Centrifugal fans (s); Fan blowers (s); Fans, Electric; Machinery; Mechanical draft; Mechanical fans (s); Ventilating fans (s); Ventilation

Refer from Agricultural physics; Agriculture; Architecture; Architecture, Domestic; Architecture, Rural (s); Barns and stables; Country houses; Farm houses (s); Poultry houses; Rural architecture (s)

Refer from Agricultural colonies (s); Agriculture; Charities; Colonies and colonization; Labor and laboring classes; Labor colonies (s); Land; Poor; Salvation army; Unemployed

Refer from Agricultural implements (s); Agricultural machinery (s); Agricultural tools (s); Agriculture; Electricity on the farm; Farm machinery (s); Farm motors; Farm tools (s); Harvesting machinery; Implements, utensils, etc.; Machinery; Mowing machines; Plows; Tools

Refer from Agricultural laborers (s); Agriculture; Farm management; Farmers; Labor and laboring classes; Peasantry

Refer from Agriculture; City and country; Country life; Farmers; Farming (s); Outdoor life; Rural life (s)

Refer from Agriculture; Farms; Marketing of farm produce; Range management (s)

Refer from Agricultural physics; Electricity on the farm; Engines; Farm implements and machinery; Motors

Refer from Agriculture — Study and teaching; Education; School farms (s); Schools

Refer from Agriculture; Farms; Real estate; Value

Refer from Agriculture; Farm life

Farmers' institutes

Farming *see* Agriculture; Farm life
Farming, Dry, *see* Dry farming

Farms

See also Agriculture; Farm management;
Farm values
—Abandoned

Farrillery *see* Horse; Horseshoeing; Veterinary medicine

Fashion

See also Clothing; Costume; Dandies;
Dressmaking; Hairdressing; Tailoring

Fasting

See also Asceticism; Fasts and feasts;
Lent; Starvation

Fasts and feasts

See also Advent; Ash Wednesday;
Christian year; Christmas; Easter; Festivals; Good Friday; Holidays; Holy week; Lent; Sunday; Thanksgiving day

Fat *see* Corpulence; Oils and fats

Fatalism *see* Fate and fatalism

Fate and fatalism

See also Fortune telling; Freedom of the will; Predestination

Fathers

See also Parents

Fathers of the church

See also Apostolic canons; Apostolic constitutions; Apostolic fathers; Church history — Early church; Councils and synods; Saints

Fatigue

See also Overwork; Rest

—**Mental**

See also Mental hygiene; Neurasthenia; Overpressure (education)

Fats *see* Oils and fats

Fauna *see* Zoology

Fauns

Faust

Favored nation clause *see* Commercial treaties

Fayence *see* Pottery

Fear

See also Courage; Emotions; Worry

Feasts *see* Fasts and feasts

Feathers

Fecundity

See also Reproduction

Federal courts *see* U. S. — Courts

Refer from Agricultural societies; Agriculture; Institutes, Farmers' (s)

Refer from Agriculture; Land; Real estate

Refer from Abandoned farms (s); Farm values

Refer from Costume; Hairdressing; Social psychology; Style (in dress) (s)

Refer from Abstinence (s); Asceticism; Penance

Refer from Catholic church; Christian antiquities; Christian year; Church calendar (s); Church ceremonies (s); Church festivals (s); Church of England; Church polity; Days; Ecclesiastical fasts and feasts (s); Fasting; Feasts (s); Festivals; Holidays; Holy days (s); Holy week; Lent; Protestant Episcopal church in the U. S.; Religion; Religious festivals (s); Rites and ceremonies

Refer from Destiny (s); Fatalism (s); Fortune (s); Luck (s); Philosophy

Refer from Children; Family; Husbands; Parents

Refer from Ante-Nicene fathers (s); Apostolic fathers; Catholic church; Catholic church — Biography; Christian biography; Church fathers (s); Church history; Church history — Early church; Patristics (s); Patrology (s); Post-Nicene fathers (s); Saints; Theology

Refer from Exhaustion (s); Hygiene; Nervous system; Overwork; Rest; Weariness (s)

Refer from Brain; Mental exhaustion (s); Mental fatigue (s); Mental hygiene; Mental overwork (s); Mind and body; Neurasthenia; Psychology, Physiological

Refer from Mythology

Refer from Legends

Refer from Anxiety (s); Emotions; Worry

Refer from Animal products; Birds; Millinery

Refer from Fertility (s); Reproduction; Vital statistics

Federal government

See also Democracy; Nationalism, New; Republics; Secession; State governments; State rights

Federal ownership *see* Government ownership
Federal regulation of industry *see* Government regulation of industry

Federation, Imperial, *see* Imperial federation

Feeble-minded

See also Children. Abnormal and backward; Defectives; Idiocy

Feed *see* Feeding and feeding stuffs

Feed water

See also Boiler scale; Boilers; Feed-water heaters; Injectors; Water — Purification

Feed-water heaters**Feeding and feeding stuffs**

See also Alfalfa; Clover; Corn; Ensilage; Forage plants; Grain; Grasses; Hay; Live stock; Oats; Root crops

Feeling *see* Touch

Feelings *see* Emotions

Feet *see* Foot

Felony *see* Crime and criminals

Females *see* Women

Fence wire**Fences**

See also Fence wire; Gates; Hedges; Railings

Fencing

See also Dueling; Swords

Fenians (society)

See also Canada — History — 1867-; Home rule — Ireland; Ireland — History; Ireland — Politics

Fens *see* Marshes

Fermentation

See also Bacteriology; Brewing; Chemistry, Organic; Chemistry, Technical; Enzymes; Putrefaction; Yeast

Ferments *see* Enzymes; Fermentation

Ferns

See also Cryptogams

Ferries

See also names of cities, subhead Ferries

Ferro-concrete *see* Concrete, Reinforced

Ferrotypes

Fertility *see* Fecundity; Soil fertility

Fertilization of plants

See also Botany — Physiology; Color of flowers; Plant breeding

Fertilizers and manures

See also Agricultural chemistry; Alfalfa; Ammonia; Guano; Gypsum; Lime; Nitric acid; Peat; Phosphates; Soil inoculation

Refer from Confederacies (s); Constitutional law; Democracy; Free institutions; Government; Republics; Secession

Refer from Brain; Children, Abnormal and backward; Defectives; Idiocy; Imbecility (s); Insanity; Mental diseases; Mentally deficient children (s)

Refer from Boiler scale; Boilers; Water; Water — Purification

Refer from Feed water

Refer from Agriculture; Alfalfa; Cattle; Corn; Ensilage; Feed (s); Fodder (s); Forage plants; Grasses; Hay; Live stock; Sheep; Soiling crops (s); Swine

Refer from Barbed wire (s); Fences; Wire

Refer from Architecture; Gates; Railings

Refer from Amusements; Athletics; Dueling; Fighting (s); Military art and science; Sports; Swords

Refer from Canada — History — 1867-; Home rule — Ireland; Ireland — History; Ireland — Politics; Secret societies

Refer from Bacteriology; Botany — Physiology; Chemistry; Chemistry, Organic; Chemistry, Technical; Enzymes; Ferments (s); Liquors; Physiological chemistry; Putrefaction; Yeast

Refer from Cryptogams; Filices (s)

Refer from Inland navigation; Transportation; Waterways

Refer from Photography; Tintype (s)

Refer from Botany; Botany — Physiology; Color of flowers; Flowers; Insects; Plants; Plants — Fertilization (s); Pollination (s)

Refer from Agricultural chemistry; Agriculture; Guano; Manures (s); Phosphates; Soil fertility; Soils

Festivals

See also Fairs; Fasts and feasts; Holidays; May day; Musical festivals; Pageants; Play festivals; Processions; Tournaments; *also* names of cities, subhead Festivals, etc.

Fetichism *see* Fetishism

Fetishism

See also Animism; Idolatry; Tree worship; Voodooism

Feudal system *see* Feudalism

Feudalism

See also Chivalry; Civilization, Medieval; Clans; Knights and knighthood; Manors; Middle ages; Peasantry; Scutage; Serfdom; Villeinage

Feuds *see* Vendetta

Fever

See also Hay fever; Malaria; Scarlet fever; Typhoid fever; Typhus fever; Yellow fever

Fiat money *see* Coinage; Greenbacks; Legal tender; Paper money

Fibers

See also Cotton; Flax; Hemp; Jute; Linen; Ramie; Silk; Textile industry and fabrics; Wool

Fibres *see* Fibers

Fiction

See also Allegories; Fables; Fairy tales; Folklore; Historical fiction; Idealism in literature; Legends; Naturalism in literature; Novelists; Plots (drama, novel, etc.); Realism in literature; Romances; Short stories; *also* American fiction, English fiction, etc.; *also* Automobile stories, College stories, Detective stories, Railroad stories, School stories, Sea stories, and similar headings, and subhead Fiction under various subjects

—Historical, *see* Historical fiction

Fiction in libraries

See also Children's literature

Fictitious names *see* Pseudonyms; Fiction — Dictionaries; Literature — Dictionaries

Fiddle *see* Violin

Fidelity *see* Loyalty

Field artillery *see* Artillery

Field hospitals *see* Hospitals, Military; Medicine, Military

Field sports *see* Hunting; Sports; Track athletics

Fifteenth century

See also Renaissance

Fighting *see* Boxing; Bullfights; Dueling; Fencing; Gladiators; Military art and science; Naval art and science; Tournaments; War

Figure drawing

See also Anatomy, Artistic; Figure painting

Figure of the earth *see* Earth — Figure

Refer from Amusements; Carnivals (s); Celebrations (s); Days; Entertainments; Fasts and feasts; Holidays; Pageants; Religious festivals (s)

Refer from Animism; Fetichism (s); Idolatry; Indians — Religion; Superstition; Worship

Refer from Chivalry; Civilization, Medieval; Feudal system (s); Government; Knights and knighthood; Land tenure; Law; Manors; Middle ages; Scutage; Serfdom; Sociology; Vassals (s); Villeinage

Refer from Inflammation; Medicine — Practice; Pathology

Refer from Agricultural products; Cordage; Cotton; Fibres (s); Flax; Hemp; Jute; Linen; Ramie; Textile fibers (s); Textile industry and fabrics

Refer from Ethics; Literature; Novels (s); Romance (s); Romances; Short stories; Stories (s)

Refer from Books and reading; Children's literature; Libraries; Libraries and fiction (s); Library administration

Refer from History, Modern; Middle ages; Renaissance

Refer from Anatomy, Artistic; Drawing; Figure painting; Human figure in art (s)

Figure painting

See also Anatomy, Artistic; Figure drawing; Painting; Proportion (art)
Figures of speech *see* Rhetoric

Files and rasps**Filibusters**

See also Buccaneers; Cuba — History; Pirates

Filices *see* Ferns

Filters and filtration

See also Water — Purification; Water supply

Filtration *see* Filters and filtration

Final cause *see* Causation; Teleology

Finance

See also Auditing; Bankruptcy; Banks and banking; Bimetallism; Bonds; Business depression; Capital; Capitalists and financiers; Church finance; Claims; Commerce; Corporations; Credit; Debts, Public; Economics; Exchange; Foreign exchange; Income; Insurance; Interest; Internal revenue laws; Investments; Loans; Money; Municipal finance; Panics; Prices; Repudiation; Securities; Silver (as money); Sinking funds; Speculation; Stock exchange; Stocks; Tariff; Taxation; Trust companies; Trusts; Wealth; *also* names of countries, subhead Finance

Financial crises *see* Panics

Financiers *see* Capitalists and financiers

Finding lists *see* Catalogs, Library

Fine arts *see* Art

Finger plays

Finger marks *see* Finger prints

Finger prints

See also Bertillon system; Identification

Finger rings *see* Rings

Fingers *see* Finger prints; Hand

Finite *see* Infinite

Finnish language

See also Ural-Altaic languages

Finnish literature

See also Finnish poetry

Finnish poetry

See also Finnish literature

Fire

See also Combustion; Fires; Flame; Fuel; Heat; Heating; Smoke; *also* headings beginning Fire

Fire alarms

Fire balls *see* Meteors

Fire boats**Fire damp**

See also Mine accidents; Mine fires; Mine ventilation

Fire departments

See also Fire protection; Firemen; *also* official reports of fire departments under names of cities

Refer from Anatomy, Artistic; Figure drawing; Human figure in art (s); Painting

Refer from Hardware; Rasps (s); Tools

Refer from Buccaneers; Cuba — History; Freebooters (s)

Refer from Filtration (s); Sanitary engineering; Sewage; Water — Purification; Water supply

Refer from Banks and banking; Bimetallism; Bonds; Business; Commerce; Debts, Public; Economics; Exchange; Funds (s); Government; History; Income; Loans; Money; Paper money; Revenue (s); Taxation; Wealth

Refer from Kindergarten

Refer from Anthropometry; Bertillon system; Finger marks (s); Fingers (s); Hand; Identification

Refer from Ural-Altaic languages

Refer from Finnish poetry

Refer from Finnish literature

Refer from Chemistry; Combustion; Flame; Heat

Refer from Electric apparatus and appliances; Fires; Signals

Refer from Boats and boating; Fire protection; Steamboats

Refer from Gases; Marsh gas (s); Mine accidents; Mine fires; Mine ventilation

Refer from Fire protection; Firemen

Fire drills

Fire engines

Fire escapes

Fire etching *see* Pyrography

Fire insurance *see* Insurance, Fire

Fire-places *see* Fireplaces

Fire prevention *see* Fire protection

Fire-proof buildings *see* Fireproof construction

Fire protection

See also Fire boats; Fire departments;

Fire drills; Fire engines; Fire escapes;

Fireproof construction; Fireproofing

Fire walk

Fire worship

See also Parsees; Zoroastrianism

Firearms

See also Ammunition; Arms and armor;

Arsenals; Artillery; Gunnery; Gunpowder;

Guns; Ordnance; Pistols; Projectiles;

Rifles; Shooting; Shotguns; Target practice

Fireless cookers

Firemen

See also Fire departments

Fireplaces

See also Architecture, Domestic; Chimneys; Mantels

Fireproof construction

See also Building laws; Concrete construction; Fireproofing; Steel construction

Fireproofing

See also Asbestos; Fireproof construction

Fires

See also Chimneys; Fire alarms; Fire protection; Forest fires; Insurance, Fire; Mine fires; *also* names of cities, subhead Fires and fire prevention

Fireworks

First aid in illness and injury

See also Accidents; Bandages and bandaging; Battlefield relief; Burns and scalds; Drowning; Poisons

Fish

See also Aquariums; Fish as food; Fish culture; Fisheries; Fishing; Marine zoology; Vertebrates; *also* names of fishes, e.g. Salmon, Trout

—U. S.

See also Fisheries — U. S.

Fish as food

See also Sea food

Refer from Fire protection; School management

Refer from Engines; Fire protection; Steam engines

Refer from Building; Building laws; Fire protection

Refer from Fire departments; Fire prevention (s); Fires; Municipal improvement; Protection from fire (s)

Refer from Ordeals; Rites and ceremonies

Refer from Elements, Worship of; Parsees; Worship; Zoroastrianism

Refer from Ammunition; Arms and armor; Gunnery; Guns; Military art and science; Ordnance; Pistols; Projectiles; Rifles; Shooting; Small arms (s); Weapons (s)

Refer from Cookery; Hay boxes (s); Hay stoves (s); Home economics; Stoves

Refer from Fire departments; Life-saving

Refer from Architecture; Architecture, Domestic; Chimneys; Fire-places (s); Heating; House decoration; Mantels

Refer from Architecture; Building; Building laws; Building materials; Concrete construction; Fire-proof buildings (s); Fire protection; Fireproofing

Refer from Fire protection; Fireproof construction; Insurance, Fire

Refer from Conflagrations (s); Disasters; Fire; Life-saving; Theater fires (s)

Refer from Chemistry, Technical; Pyrotechnics (s)

Refer from Accidents; Ambulance drill (s); Ambulances; Bandages and bandaging; Battlefield relief; Burns and scalds; Drowning; Emergencies (s); Hospitals; Injuries (s); Life-saving; Medicine; Medicine, Military; Nurses and nursing; Poisons; Relief work (s); Surgery; Surgery, Military; Therapeutics

Refer from Fisheries; Fishes (s); Ichthyology (s); Marine zoology; Pisces (s); Salmon; Trout; Vertebrates; Zoology

Refer from Fisheries — U. S.; U. S.—Fish (s); U. S.—Ichthyology (s); Zoology — U. S.

Refer from Cookery; Fish; Food; Sea food

Fish culture

See also Fisheries

Fisheries

See also Fish; Fish culture; Fishing;
Seals (animals)

—U. S.

See also Fish — U. S.

Refer from Fish; Fisheries; Pisciculture (s)

Refer from Fish; Fish culture; Fishing;
Industrial arts; Sea fisheries (s)

Refer from Fish — U. S.; U. S.—Fish-
eries (s); U. S.—Foreign relations; U. S.—
Industries and resources

Refer from Fishing

Fishermen

See also Fishing; Missions — Seamen

Fishes *see* Fish

Fishing

See also Fisheries; Fishermen; Game laws;
Harpoons; Salmon; Trout

Refer from Angling (s); Aquatic sports;
Fish; Fisheries; Fishermen; Hunting; Outdoor
life; Sports

Five nations *see* Iroquois Indians

Flag day

Refer from Flags; Holidays

Flagellants

Refer from Church history; Church history
— Middle ages; Fanaticism; Flagellation (s);
Flagging; Penitentes (s); Sects

Flagellation *see* Flagellants; Flogging

Flags

See also Flag day; Signals

Refer from Banners (s); Ensigns (s); Herald-
ry; Military art and science; Signals; Stand-
ards (s)

Refer from Fire; Heat

Flame

See also Fire

Flash-light photography *see* Photography,
Flash-light

Flats *see* Apartment houses

Flavoring extracts

See also Essences and essential oils;
Vanilla

Refer from Cookery; Essences and essential
oils; Extracts, Flavoring (s); Food; Vanilla

Flax

See also Fibers; Linen

Refer from Fibers; Linen; Textile industry
and fabrics; Yarn

Fleets *see* Navies; Ships; Warships

Flemish language

See also Germanic languages

Refer from Germanic languages; Low German
language

Flies

See also Diptera; Hessian flies; Insects
as carriers of contagion; Tsetse flies

Refer from Contagion and contagious dis-
eases; Diptera; Fly (s); House flies (s);
Household pests; Insects as carriers of con-
tagion

Flight

See also Aerodynamics; Aeronautics;
Animal locomotion; Animal mechanics;
Birds; Flying machines; Wings

Refer from Aerodynamics; Aeronautics;
Animal locomotion; Animal mechanics; Birds;
Flying (s); Locomotion; Wings

Flint implements *see* Stone implements

Flogging

See also Corporal punishment; Flagellants

Refer from Corporal punishment; Flagella-
tion (s); Punishment; Rod, The (s); Whip-
ping (s)

Flood *see* Deluge

Floods

See also Insurance, Casualty; Meteorology;
Rivers

Refer from Disasters; History; Hydraulic
engineering; Inundations (s); Meteorology;
Rivers

Floors

See also Building; Carpets; Linoleum;
Mosaics; Pavements; Rugs; Sweeping

Refer from Architecture; Building; Car-
pentry

Flora *see* Botany

Floral decoration

See also Church decoration and ornament;
Flowers

Floral design *see* Design, Decorative · Plant forms

Floriculture

See also Annuals (plants); Bulbs; Electrophorticulture; Flowers; Fumigation of plants; Gardening; Greenhouses; Plant breeding; Plant propagation; Window gardening; *also* names of special flowers, e. g. Carnations; Lilies; Orchids; Roses; Violets

Flour and flour mills

See also Grain; Wheat

Flow of water *see* Hydraulics

Flower drawing *see* Flower painting and drawing

Flower forms *see* Plant forms

Flower gardening *see* Floriculture

Flower gardens *see* Gardens

Flower language

Flower missions

Flower painting and drawing

See also Plant forms

Flowers

See also Artificial flowers; Botany; Buds; Color of flowers; Fertilization of plants; Floral decoration; Floriculture; Flower language; Flower missions; Flower painting and drawing; Flowers in poetry; Glass flowers; National flowers; Odors; Paper flowers; Plants; Wax flowers; Window gardening; *also* names of flowers, e. g. Carnations, Lilies, Lotus, Orchids, Roses, Violets

—Artificial, *see* Artificial flowers

—Language of, *see* Flower language

—National, *see* National flowers

Flowers in poetry

Fluids

See also Gases; Hydraulic engineering; Hydraulics; Hydrodynamics; Hydrostatics; Jets; Liquids; Mechanics; Osmosis; Physics; Solution (chemistry); Viscosity

Flumes

See also Hydro-electric plants; Irrigation canals; Water power

Flute

See also Musical instruments; Wind instruments

Flute ceremonies

Fluxions *see* Calculus

Fly *see* Flies

Flying *see* Flight

Flying machines

See also Aeronautic motors; Aeronautics; Aeroplanes

Fodder *see* Feeding and feeding stuffs

Fog

See also Fog signals; Meteorology

Refer from Church decoration and ornament; Decoration and ornament; Flowers; House decoration

Refer from Agriculture; Annuals (plants); Botany; Bulbs; Carnations; Flower gardening (s); Flowers; Gardening; Horticulture (s); House plants (s); Industrial arts; Lilies; Orchids; Plants; Plants, Cultivated; Roses; Violets; Window gardening

Refer from Bread; Food; Grist mills (s); Manufactures; Milling (flour) (s); Mills and millwork; Wheat

Refer from Flowers; Flowers, Language of (s); Language of flowers (s); Plant lore

Refer from Charities; Flowers

Refer from Drawing; Flower drawing (s); Flowers; Painting; Plant forms

Refer from Botany; Botany, Structural; Floral decoration; Floriculture; Plants; Wild flowers (s)

Refer from Flowers; Poetry; Poetry of flowers (s)

Refer from Hydraulic engineering; Hydraulics; Hydrostatics; Liquids; Mechanics; Physics

Refer from Irrigation canals; Water power

Refer from Musical instruments; Wind instruments

Refer from Hopi Indians; Indians — Religion; Rites and ceremonies

Refer from Aerodromes (s); Aeronautics; Aeroplanes; Flight; Helicopters (s)

Refer from Meteorology; Water

Fog signals

Foliage *see* Leaves

Folk dances *see* Dancing

Folk-lore *see* Folklore

Folk psychology *see* Ethnopsychology

Folk songs

See also Ballads; Carols; Folklore; Lullabies; National songs; Negro songs; Songs

Folklore

See also Animal lore; Animism; Chapbooks; Charms; Counting out; Devil; Divining rod; Evil eye; Fables; Fairies; Fairy tales; Folk songs; Geographical myths; Ghosts; Legends; Manners and customs; Medical folklore; Mythology; Nature myths; Nursery rhymes; Plant lore; Proverbs; Romances; Sagas; Superstition; Weather lore; Witchcraft

—Celtic

See also Legends, Celtic

—Indians, *see* Indians — Folklore

—Japan

See also Legends — Japan

—Negroes, *see* Negroes — Folklore

Folklore of animals *see* Animal lore

Folklore of medicine *see* Medical folklore

Folklore of plants *see* Plant lore

Fonts *see* Baptismal fonts

Food

See also Animal food; Bakers and bakeries; Beverages; Bread; Butter; Cannibalism; Cereals, Prepared; Chocolate; Condiments; Cookery; Corpulence; Cost of living; Diet; Digestion; Dinners and dining; Eating; Eggs; Fish as food; Flavoring extracts; Flour and flour mills; Food adulteration and inspection; Food laws; Food preservation and preservatives; Food supply; Fruit; Grain; Groceries; Hygiene; Liquors; Marketing; Markets; Meat; Milk; Mushrooms; Nutrition; Nuts; Oysters; Poultry; Proteins; Sea food; Stimulants; Sugar; Table; Temperance; Vegetables; Vegetarianism

—Analysis

See also Food adulteration and inspection

Food adulteration and inspection

See also Adulterations; Chemistry, Household; Consumers' leagues; Food — Analysis; Food laws; Food preservation and preservatives; Meat inspection; Milk supply; Oleomargarine

Food for invalids *see* Cookery for the sick; Diet

Food inspection *see* Food adulteration and inspection

Food laws

See also Food adulteration and inspection

Food preservation and preservatives

See also Canning and preserving; Cold storage; Food adulteration and inspection;

Refer from Fog; Navigation; Signals

Refer from Ballads; Folklore; National songs; Songs

Refer from Animal lore; Archaeology; Ethnology; Fables; Fairies; Fairy tales; Fiction; Folk-lore (s); Folk songs; Legends; Literature; Man; Manners and customs; Mythology; People; Plant lore; Proverbs; Sagas; Superstition; Traditions (s)

Refer from Celtic folklore (s); Celts; Legends. Celtic

Refer from Japan — Folklore (s); Japanese folklore (s); Legends — Japan

Refer from Beverages; Cookery; Diet; Digestion; Dinners and dining; Eating; Gastronomy (s); Home economics; Hygiene; Meals (s); Nutrition; Table

Refer from Analysis of food (s); Chemistry, Household; Food adulteration and inspection; Sanitary chemistry

Refer from Adulterations; Analysis of food (s); Chemistry, Household; Food; Food — Analysis; Food inspection (s); Food laws; Food preservation and preservatives; Hygiene; Hygiene, Public; Inspection of food (s); Meat inspection; Pure food laws (s); Sanitary chemistry

Refer from Food; Food adulteration and inspection; Pure food laws (s)

Refer from Canning and preserving; Cold storage; Food; Food adulteration and inspection

Formaldehyde; Refrigeration and refrigerating machinery

Food supply

See also Agriculture — Statistics; Corn laws; Famines; Packing industry

Fools

See also Idiocy

Foot

See also Anatomy; Boots and shoes; Chiropody; Hosiery

Foot-racing *see* Running

Foot-soldiers *see* Infantry

Football

See also College athletics

Footprints, Fossil

Fops *see* Dandies

Forage plants

See also Alfalfa; Clover; Corn; Ensilage; Feeding and feeding stuffs; Grasses; Grazing; Pastures and meadows; Sorghum

Force and energy

See also Centrifugal force; Dynamics; Dynamometer; Electromotive force; Mechanics; Motion; Physics; Potential, Theory of

Forecasts

See also Fortune telling; Prophecies; Utopias; Weather forecasts

Foreign exchange

See also Money

Foreign missions *see* Missions, Foreign

Foreign relations *see* International relations; *also* names of countries, subhead Foreign relations

Foreign trade *see* Commerce

Foreigners *see* Aliens; Citizenship; English language — For foreigners; Naturalization; *also* names of countries and cities, subhead Foreign population

Foremen's schools

Forenames *see* Names, Personal

Forensic chemistry *see* Chemistry, Legal

Forensic medicine *see* Medical jurisprudence

Foreordination *see* Predestination

Forest fires

Forest nurseries

Forest planting

See also Tree planting

Forest products

See also Botany, Economic; Commercial products; Gums and resins; Lumber and lumbering; Rubber; Timber; Veneers and veneering; Wood; Wood pulp

Forest reserves

See also Forests and forestry; National parks and reserves

tion; Preservation of food (s); Preservatives (food) (s)

Refer from Commerce; Economics; Food; Prices

Refer from Clowns; Court fools (s); Humor; Jesters (s)

Refer from Anatomy; Feet (s); Toes (s)

Refer from Ball (s); College athletics; Games; School athletics

Refer from Fossil footprints (s); Ichnology (s); Paleontology

Refer from Agriculture; Alfalfa; Feeding and feeding stuffs; Grasses; Grazing; Pastures and meadows

Refer from Conservation of energy (s); Correlation of forces (s); Dynamics; Energy (s); Kinematics; Matter; Mechanics; Metaphysics; Motion; Philosophy; Physics; Power

Refer from Future (s); Predictions (s); Prophecies; Utopias

Refer from Banks and banking; Cambistry (s); Commerce; Commercial law; Exchange; Finance; International exchange (s); Money

Refer from Industrial education; Scientific management; Technical education

Refer from Fires; Forests and forestry
Refer from Forests and forestry; Nurseries (horticulture); Trees

Refer from Afforestation (s); Forests and forestry; Planting (s); Reforestation (s); Tree planting; Trees

Refer from Agricultural products; Botany, Economic; Commercial products

Refer from Forests and forestry; National parks and reserves; U. S. — Public lands

Forest schools *see* Open-air schools
Forestalling *see* Monopolies
Forestry *see* Forests and forestry
Forestry education *see* Forestry schools and education

Forestry schools and education

Forests, Petrified, *see* Petrified forests

Forests and forestry

See also Arbor day; Conservation of resources; Evergreens; Forest fires; Forest nurseries; Forest planting; Forest reserves; Forestry schools and education; Grafting; Landscape gardening; Lumber and lumbering; Natural resources; Pruning; Timber; Tree planting; Trees; Wood

—U. S.

Forge work *see* Blacksmithing; Forging; Ironwork

Forgeries *see* Antiques, Forged; Art forgeries; Forgery; Literary forgeries and mystifications

Forgery

See also Art forgeries; Counterfeits; Embezzlement; Literary forgeries and mystifications

Forgery of antiques *see* Antiques, Forged

Forgery of works of art *see* Art forgeries

Forging

See also Blacksmithing; Dies; Ironwork; Welding

Form, Musical, *see* Musical form

Formal gardening *see* Landscape gardening

Formaldehyde

See also Disinfection and disinfectants; Fumigation

Formalin *see* Formaldehyde

Forms (in law)

See also Actions at law; Affidavits; Commercial law; Conveyancing; Deeds; Mortgages; Pleading and practice

Fortification

See also Castles; Coast defense; Earthwork; Gunnery; Military architecture; Mines, Military; *also* names of cities, subhead Fortifications, and names of countries, subhead Defenses

Forts *see* Fortification

Fortune *see* Chance; Fate and fatalism; Probabilities; Success

Fortune telling

See also Astrology; Cards; Clairvoyance; Crystal gazing; Divination; Dreams; Halloween; Palmistry

Fortunes *see* Income; Millionaires; Wealth

Fossil footprints *see* Footprints, Fossil

Fossil insects *see* Insects, Fossil

Fossil mollusks *see* Mollusks, Fossil

Fossil plants

See also Paleontology; Petrified forests; Trees, Fossil

Refer from Agriculture — Study and teaching; Forestry education (s); Forests and forestry; Technical education

Refer from Agriculture; Arboriculture (s); Botany; Conservation of resources; Evergreens; Forest reserves; Forestry (s); Landscape gardening; Lumber and lumbering; Natural resources; Silviculture (s); Timber; Trees; Water supply; Wood; Woods (s)

Refer from U. S. — Forests and forestry (s); U. S. — Industries and resources

Refer from Counterfeits; Crime and criminals; Embezzlement; Forgeries (s); Fraud; Imposture; Writing

Refer from Blacksmithing; Dies; Drop forging (s); Forge work (s); Ironwork; Machine shop practice

Refer from Disinfection and disinfectants; Food preservation and preservatives; Formalin (s); Fumigation

Refer from Actions at law; Business; Commercial law; Conveyancing; Law; Legal forms (s); Pleading and practice

Refer from Architecture, Military (s); Earthwork; Forts (s); Military architecture; Military art and science; Military engineering; Sieges

Refer from Amusements; Cards; Character reading (s); Divination; Dreams; Fate and fatalism; Forecasts; Future (s); Prophecies; Superstition

Refer from Botany; Botany, Fossil (s); Fossils (s); Paleobotany (s); Paleontology; Plants, Fossil (s)

Fossil reptiles *see* Reptiles, Fossil

Fossil trees *see* Trees, Fossil

Fossil wood *see* Trees, Fossil

Fossils *see* Paleontology; *also* Fossil plants, and subhead Fossil under various animals and plants

Foundations

See also Bridges — Foundations and piers; Building; Caissons; Civil engineering; Cofferdams; Compressed air; Concrete; Earthwork; Masonry; Piles and pile driving; Shoring and underpinning; Walls

Founding *see* Foundry work

Foundlings

See also Adoption; Children — Charities, protection, etc.; Orphans and orphan asylums

Foundry work

See also Cast iron; Cupola furnaces; Pattern making

Fountains

See also Springs

Fourth dimension

Fourth of July

See also Declaration of independence; Fourth of July orations

Fourth of July orations

Fowl *see* Poultry

Fowling *see* Falconry

Fowls *see* Poultry

Fox *see* Foxes

Foxes

See also Carnivora

Fractures

See also Bones; Radiography; Surgery; X rays

Frames (for pictures) *see* Picture frames

France — History

See also Basques

— To 1328

See also Franks; Gauls

— House of Valois, 1328–1589

See also Agincourt, Battle of; Huguenots; Hundred years' war; Reformation — France; St. Bartholomew's day, Massacre of

— Bourbons, 1589–1789

See also Austrian succession, War of; Diamond necklace affair; French and Indian war; Fronde; Iron Mask; Seven years' war; Spanish succession, War of

— Revolution, *see* French revolution

— Consulate and empire, 1799–1815

See also Napoleonic wars; Peninsular war, 1807–1814; Waterloo, Battle of

— Restoration, 1815–1848

Refer from Architecture; Building; Caissons; Civil engineering; Cofferdams; Earthwork; Engineering; Masonry; Piles and pile driving; Shoring and underpinning; Walls

Refer from Children; Children — Charities, protection, etc.; Orphans and orphan asylums,

Refer from Cast iron; Casting (s); Cupola furnaces; Founding (s); Furnaces; Industrial arts; Iron; Iron founding (s); Iron industry; Machine shop practice; Metals; Molding (s); Moulding (s); Pattern making; Steel; Tulyeres (s)

Refer from Architecture; Hydraulic engineering; Water supply

Refer from Dimension, Fourth (s); Geometry; Hyperspace (s); Mathematics; Space

Refer from Declaration of independence; Holidays; Independence day (s); July fourth (s)

Refer from Fourth of July; Orations, American; U. S. — History — Revolution

Refer from Carnivora; Fox (s); Fur-bearing animals; Hunting

Refer from Bones; Surgery

Refer from Franks; Gauls

Refer from Agincourt, Battle of; Hundred years' war; Reformation — France; St. Bartholomew's day, Massacre of

Refer from Ancien régime (s); Austrian succession, War of; Fronde

Refer from Napoleonic wars; Waterloo, Battle of

France—History—Continued

—Revolution of 1848

See also France—History—Second republic

—Second republic, 1848–1852

See also France—History—Revolution of 1848; France—History—Coup d'état, 1851

—Coup d'état, 1851

See also France—History—Second republic; France—History—Second empire

—Second empire, 1852–1870

See also Crimean war; France—History—Coup d'état, 1851; Franco-German war

—Franco-German war, 1870–1871, *see* Franco-German war

—Third republic, 1870–

See also Paris—History—Siege and commune, 1871

Franchise *see* Suffrage

Franchise taxation *see* Corporations—Taxation

Franchises, Municipal, *see* Municipal franchises

Franciscans

See also Capuchins; Monasticism

Franco-German war, 1870–1871

See also France—History—Second empire; Paris—History—Siege and commune, 1871; Sedan campaign

Franking privilege

Franks

See also France—History—To 1328; Germany—History—To 1517

Fraternal insurance *see* Benefit societies

Fraternities, Benevolent, *see* Benefit societies

Fraternities, College

See also Hazing; Secret societies

Fraternities, High school

Fraud

See also Antiques, Forged; Art forgeries; Counterfeits; Forgery; Imposture; Swindlers and swindling

Frauds, Literary, *see* Literary forgeries and mystifications

Free agency *see* Freedom of the will

Free churches

Free coinage of silver *see* Coinage; Silver (as money)

Free-hand drawing *see* Drawing

Free institutions

See also Democracy; Federal government; Liberty; Representative government and representation; Republics

Refer from France—History—Second republic; Revolutions

Refer from France—History—Revolution of 1848; France—History—Coup d'état, 1851

Refer from Coup d'état of 1851 (s); France—History—Second republic; France—History—Second empire

Refer from France—History—Coup d'état, 1851; Franco-German war

Refer from Commune, Paris (s); Paris—History—Siege and commune

Refer from Capuchins; Friars minor (s); Gray friars (s); Grey friars (s); Minorites (s); Monasticism; Religious orders

Refer from France—History—Second empire; France—History—Franco-German war (s); Germany—History—1866–; Paris—History—Siege and commune; Sedan campaign

Refer from Postal service

Refer from France—History—To 1328; Germany—History—To 1517; Teutonic race

Refer from College fraternities (s); Colleges and universities; Greek letter societies (s); Hazing; Secret societies; Societies; Student life

Refer from Greek letter societies (s); High school fraternities (s); High schools; Secret societies; Societies

Refer from Crime and criminals; Imposture; Misrepresentation (s); Swindlers and swindling

Refer from Church polity; Churches (s)

Refer from Government; Liberty

Free masons *see* Freemasons

Free religion

See also Free thought; Liberty of conscience

Free schools *see* Charity schools; Public schools

Free seed distribution *see* Seeds — Distribution

Free soil party

See also Slavery in the U. S.; U. S. — History — 1815-1861

Free speech *see* Liberty of speech

Free thinking *see* Free thought

Free thought

See also Agnosticism; Deism; Free religion; Rationalism; Religious liberty; Secularism; Skepticism

Free trade *see* Tariff question

Free will *see* Freedom of the will

Freebooters *see* Buccaneers; Filibusters; Pirates

Freedmen

See also Negroes; Reconstruction; Slavery

Freedom *see* Liberty; Slavery

Freedom of the press *see* Liberty of the press

Freedom of the will

See also Necessity; Predestination; Will

Freemasons

— **Templars**

See also Templars

Freezing *see* Cold; Frost; Ice; Plants, Effect of temperature on; Refrigeration and refrigerating machinery

Freight

See also Carriers; Demurrage; Railroads

— Rates; Transportation

Freight rates *see* Freight. For railroad freight rates *see* Railroads — Rates

French and Indian war, 1755-1763

See also Indians — Wars; Pontiac's conspiracy; Seven years' war; U. S. — History — Colonial period

French-Canadian literature *see* Canadian literature

French-Canadians

See also Acadians; Canada — History — Rebellion, 1837-1838

French drama

See also Dramatists, French; French literature; Theater — France

French essays

See also French literature

Refer from Free thought; Religion; Religious liberty; Theology; Unitarianism

Refer from Political parties; Republican party; Slavery in the U. S.; U. S. — History — 1815-1861

Refer from Deism; Free religion; Free thinking (s); Rationalism; Religious liberty; Skepticism

Refer from Negroes; Reconstruction; Slavery; Slavery in the U. S.

Refer from Determinism (s); Ethics; Fate and fatalism; Free agency (s); Free will (s); Indeterminism (s); Liberty of the will (s); Necessity; Predestination; Psychology; Theology; Will

Refer from Anti-masonry (s); Free masons (s); Knights of the red cross (s); Masons (secret order) (s); Secret societies

Refer from Knights templars (masonic) (s); Order of the temple (s); Templars

Refer from Carriers; Commerce; Freight rates (s); Railroads; Railroads — Freight (s); Transportation; Waterways

Refer from Canada — History — To 1763; England — History — 1714-1837; France — History — Bourbons; French in America; Indians — Wars; New York (state) — History; Seven years' war; U. S. — History — Colonial period; U. S. — History — French and Indian war (s)

Refer from Canada — Social life and customs; Ethnology — Canada; French in America; National characteristics, Canadian

Refer from Dramatists, French; French literature; French poetry; Theater — France

Refer from Essays; French literature

French fiction

See also French literature

French in America

See also Canada — History — To 1763 (New France); French and Indian war; French-Canadians; Queen Anne's war; U. S. — History — Revolution — French participation

French language [subdivided like German language]

See also Commercial correspondence — French; Précieuses; Provençal language; Romance languages

French literature

See also Authors, French; Charlemagne — Romances; Encyclopedists; French drama; French essays; French fiction; French poetry; Précieuses; Provençal literature; Romance literature; Symbolism in literature

French philosophy *see* Philosophy, French

French poetry

See also Fabliaux; French drama; French literature; Poets, French; Troubadours; Trouvères

French revolution

See also Chouans; Girondists; Jacobins; Napoleonic wars; Vendean war

— Causes**— Personal narratives**

French salons *see* Salons

French spoliation claims

Fresco painting *see* Frescoes

Frescoes

See also Mural painting and decoration; Stencil work

Fresh air charity

Fresh air schools *see* Open-air schools

Fresh-water fauna

See also Aquariums; Fresh-water life; Insects, Aquatic

Fresh-water flora *see* Aquatic plants

Fresh-water life

See also Aquatic plants; Fresh-water fauna; Plankton

Fret cutting *see* Grilles; Lattice; Wood carving

Friars *see* Monasticism

Friars minor *see* Franciscans

Friars preachers *see* Dominicans

Friction

See also Bearings (machinery); Lubrication and lubricants

Friendly societies *see* Benefit societies

Friendly visiting

See also Charities

Friends, Society of

Refer from French literature

Refer from Canada — History — To 1763 (New France)

Refer from Langue d'oïl (s); Romance languages

Refer from Authors, French; French drama; French essays; French fiction; French poetry; Provençal literature; Romance literature

Refer from French literature; Poets, French

Refer from Directory, French (s); France — History — Revolution (s); Girondists; Jacobins; Reign of terror (s); Revolutions; Terror, Reign of (s); Vendean war

Refer from Claims; U. S.— Foreign relations — France; U. S.— History — 1783–1812

Refer from Art; Decoration and ornament; Fresco painting (s); House painting; Mural painting and decoration; Painting

Refer from Charities; Children — Charities, protection, etc.

Refer from Aquariums; Aquatic animals (s); Fresh-water life; Marine zoology; Zoology

Refer from Aquatic life (s); Aquatic plants; Brook life (s); Fresh-water fauna; Limnology (s); Plankton; Pond life (s); Ponds

Refer from Bearings (machinery); Lubrication and lubricants; Machinery; Mechanical engineering; Mechanics; Physics

Refer from Charities; Charity; Poor; Social settlements; Social work

Refer from Congregationalism; Dissenters; Nonresistance; Persecution; Puritans; Quakers (s); Sects; Society of Friends (s)

Friendship

See also Love; Sympathy

Froebel system of education *see* Kindergarten

Frogs

See also Amphibia; Toads

Fronde

See also France — History — Bourbons

Frontier and pioneer life

See also Colonial life and customs; Colonies and colonization; Cowboys; Indians — Captivities; Overland journeys to the Pacific; Ranch life; Western states

Frontiers

See also Boundaries

Frost

See also Cold; Frost protection; Ice; Plants, Effect of temperature on; Refrigeration and refrigerating machinery

Frost protection**Fruit**

See also Berries; Canning and preserving; Fruit culture; Nuts; *also* names of fruits, e.g. Apple, Grape, Orange, Peach, Pear

— Diseases and pests

See also Fumigation of plants; Fungi; Insects, Injurious and beneficial; Plants — Diseases; Scale insects; Spraying; Trees — Diseases and pests; *also* names of diseases and pests, e.g. Crown gall, Codling moth

— Evaporation**Fruit culture**

See also Agriculture; Frost protection; Fruit — Diseases and pests; Fumigation of plants; Fungicides; Gardening; Grafting; Nurseries (horticulture); Pruning; Spraying; *also* names of fruits

Fruit pests *see* Fruit — Diseases and pests

Fuel

See also Briquets; Calorimetry and calorimetry; Charcoal; Coal; Coke; Furnaces; Gas; Gas, Natural; Heating; Lignite; Liquid fuel; Peat; Petroleum; Smoke; Wood

Fugitive slaves

See also Maroons; Underground railroad (slavery)

Fugue

See also Canon (music); Musical form

Fumigation

See also Disinfection and disinfectants; Formaldehyde; Fumigation of plants

Fumigation of plants

See also Fruit — Diseases and pests

Refer from Affection (s); Conduct of life; Ethics; Love; Sympathy

Refer from Amphibia; Toads

Refer from France — History — Bourbons

Refer from Adventure; Border life (s); Colonies and colonization; Overland journeys to the Pacific; Pacific states; Pioneer life (s); Western states

Refer from Boundaries; International relations

Refer from Cold; Freezing (s); Meteorology; Water

Refer from Agriculture; Frost; Fruit culture; Gardening; Orchard heating (s); Protection from frost (s)

Refer from Agricultural products; Apple; Berries; Botany; Food; Grape; Orange; Orchards (s); Peach; Pear; Pomology (s); Small fruit (s); Trees

Refer from Agricultural pests; Bacteriology, Agricultural; Fruit culture; Fruit pests (s); Fumigation of plants; Fungi; Insects, Injurious and beneficial; Plants — Diseases; Spraying; Trees — Diseases and pests

Refer from Evaporation of fruit (s)

Refer from Agriculture; Arboriculture (s); Fruit; Gardening; Grafting; Horticulture (s); Orchards (s); Pomology (s); Pruning

Refer from Boilers; Briquets; Chemistry, Technical; Combustion; Engines; Fire; Furnaces; Heating; Home economics: Manufactures; Mechanical engineering; Smoke

Refer from Slavery in the U. S.; Underground railroad (slavery)

Refer from Canon (music); Composition (music); Counterpoint; Music; Music — Theory; Musical form

Refer from Contagion and contagious diseases; Disinfection and disinfectants; Formaldehyde; Smoke

Refer from Floriculture; Fruit — Diseases and pests; Fruit culture; Fumigation; Gardening

Functions

See also Calculus; Groups, Theory of

Funds *see* Finance; Sinking funds

Funeral rites and ceremonies

See also Burial; Funeral sermons; Indians
— Mortuary customs; Mourning customs

Funeral sermons

See also Obituaries

Fungi

See also Bacteriology; Crown gall; Cryptogams; Dry rot; Fruit — Diseases and pests; Fungicides; Galls (botany); Mildew; Mold; Mushrooms; Plants — Diseases

Fungicides

See also Bordeaux mixture; Spraying

Fur

See also Fur-bearing animals; Fur trade; Hides and skins

Fur-bearing animals:

See also names of fur-bearing animals, e.g. Foxes, Seals (animals), Wolves

Fur seals *see* Seals (animals)

Fur trade

See also Hudson Bay company; Trapping

Furnaces

See also Blast furnaces; Boilers; Cupola furnaces; Electric furnaces; Foundry work; Fuel; Mechanical draft; Metallurgy; Smelting

Furniture

See also Antiques; Bamboo; Beds; Cabinet work; Candlesticks; Chairs; Church furniture; Garden ornaments and furniture; House decoration; Lamps; Library fittings and supplies; Mirrors; School furniture and equipment; Upholstery; Veneers and veneering; Wood carving

— Colonial

Furs *see* Fur

Future *see* Forecasts; Fortune telling; Future life; Prophecies

Future life

See also Annihilation; Death; Eschatology; Eternity; Future punishment; Heaven; Hell; Judgment day; Millennium; Purgatory; Resurrection; Salvation; Soul; Spiritualism; Transmigration

Future punishment

See also Future life; Hell; Purgatory; Universalism

Future religion *see* Religion of the future

Fylfot *see* Swastika

Refer from Algebra; Analysis (mathematics) (s); Calculus; Elliptic functions (s); Logarithms

Refer from Archaeology; Burial; Christian antiquities; Death; Manners and customs; Mortuary customs (s); Rites and ceremonies

Refer from Funeral rites and ceremonies; Obituaries; Sermons

Refer from Agricultural pests; Cryptogams; Fruit — Diseases and pests; Microbes (s); Mildew; Mold; Mushrooms; Mycology (s); Parasites; Pests (s); Plants — Diseases

Refer from Bordeaux mixture; Fruit culture; Fungi; Germicides (s); Spraying

Refer from Animal products; Clothing; Furs (s); Hides and skins

Refer from Fur; Mammals; Zoology; Zoology, Economic

Refer from Canada — Commerce; Commerce; Fur; Hudson Bay company; Trapping

Refer from Fuel; Heating; Metallurgy; Smelting

Refer from Arts and crafts; Beds; Cabinet work; Chairs; Decoration and ornament; Home economics; House decoration; Industrial arts; Interior decoration (s); Manufactures; Upholstery; Wood carving

Refer from Colonial furniture (s); Colonial life and customs

Refer from Annihilation; Death; Eschatology; Eternal life (s); Eternity; Future (s); Future punishment; Hades (s); Heaven; Hell; Immortality (s); Intermediate state (s); Judgment day; Life; Man; Millennium; Natural religion; Philosophy; Probation (theology) (s); Purgatory; Religion; Resurrection; Retribution (s); Salvation; Soul; Theology; Universalism

Refer from Death; Endless punishment (s); Eschatology; Future life; Hell; Punishment; Purgatory; Retribution (s); Sin; Theology; Universalism

Gables

See also Roofs

Gadhelic literature *see* Celtic literature

Gadsden purchase

Gaelic language

See also Celtic languages; Irish language

Gaelic literature

See also Celtic literature; Irish literature (Celtic)

Gaels *see* Celts

Gaging

Galaxy *see* Milky way

Gales *see* Storms; Winds

Gallanty shows *see* Shadow pantomimes

Galleries (art) *see* Art — Galleries and museums; *also* special galleries

Galleys

Gallic wars

See also Gauls; Rome — History — Republic

Gallican church *see* Catholic church in France

Galls (botany)

See also Crown gall

Galvanic batteries *see* Electric batteries

Galvanism *see* Electricity

Galvanizing

See also Electroplating; Plating

Galvanometer

See also Electric measurement

Galvanoplasty *see* Electrometallurgy; Electroplating; Electrotyping

Galveston plan of city government *see* Municipal government — Commission plan

Gambling

See also Betting; Cards; Dice; Horse racing; Lotteries; Poker; Probabilities

Game

See also Game birds; Game laws; Game protection; Hunting; Shooting; Tracking; Trapping; *also* names of animals, e.g. Deer

Game birds

See also Falconry; Game; Shooting; *also* names of game birds, e.g. Ducks

Game laws

See also Game protection; Poaching

Game protection

See also Game laws

Games

See also Amusements; Athletics; Backgammon; Baseball; Basket-ball; Billiards; Bowling; Cards, and names of card games; Checkers; Chess; College athletics; Counting out; Cricket; Croquet; Curling; Dice; Dominoes; Football; Gambling; Golf; Handball; Hockey; Indians — Games; Kinder-

Refer from Architecture; Roofs

Refer from Arizona; New Mexico; U. S. — Annexations

Refer from Celtic languages; Erse (s); Irish language; Scottish language (s)

Refer from Celtic literature; Irish literature (Celtic); Scottish literature

Refer from Gauging (s); Mensuration; Weights and measures

Refer from Punishment; Ships; Slavery; Warships

Refer from Gauls; Rome — History — Republic

Refer from Botany — Physiology; Fungi; Plants — Diseases

Refer from Electrogalvanizing (s); Electroplating; Iron; Plating; Zinc

Refer from Electric apparatus and appliances; Electric measurement

Refer from Betting; Cards; Crime and criminals; Ethics; Games; Gaming (s); Sports

Refer from Big game (s); Game birds; Hunting; Shooting; Zoology

Refer from Birds; Ducks; Falconry; Game; Hunting; Shooting; Wild fowl (s)

Refer from Animals — Protection (s); Birds — Protection; Fishing; Game; Game protection; Hunting; Law; Poaching

Refer from Animals — Protection (s); Birds — Protection; Game; Game laws; Hunting; Protection of game (s)

Refer from Amusements; Athletics; Cards; Pastimes (s); Physical education; Play; Recreation (s); Sports

garten — Games and songs; Lacrosse; Olympic games; Ping-pong; Play; Polo; Rackets; School athletics; Solitaire; Sports; String figures; Tennis; Toys

Gaming *see* Gambling

Gaols *see* Prisons

Garages

Garbage *see* Refuse and refuse disposal

Garden cities

See also Cities — Planning and laying out

Garden furniture *see* Garden ornaments and furniture

Garden of Eden *see* Eden

Garden ornaments and furniture

See also Concrete pottery; Rustic wood-work

Gardening

See also Acclimatization (plants); Agricultural pests; Agriculture; Botany; Electro-horticulture; Floriculture; Frost protection; Fruit culture; Fumigation of plants; Gardens; Grafting; Greenhouses; Insects, Injurious and beneficial; Landscape gardening; Lawns; Market gardening; Nurseries (horticulture); Plant breeding; Plant propagation; Pruning; School gardens; Seedlings; Seeds — Selection and testing; Shrubs; Spraying; Vacant lot cultivation; Vegetables; Weeds; Window gardening

Gardens

See also Botanical gardens; Garden ornaments and furniture; Gardening; Landscape gardening; School gardens; Water gardens

Garment cutting [for underwear, white goods, etc.]

See also Dressmaking; Tailoring

Garnishment *see* Attachment

Garter, Order of the

Gas

See also Acetylene; Chemistry, Technical; Coal-tar products; Gas and oil engines; Gas lighting; Gas producers; Gases; Incandescent gas-lighting; Petroleum

—Natural

See also Geology, Economic

Gas and oil engines

See also Alcohol motors; Gas producers; Heat engines; Liquid fuel

Gas companies

See also Gas lighting

Gas engines *see* Gas and oil engines

Refer from Architecture; Automobiles; Barns and stables

Refer from Cities; Cities — Planning and laying out; Housing problem; Industrial betterment; Municipal improvement

Refer from Furniture; Garden furniture (s); Gardens; Landscape gardening; Rustic wood-work

Refer from Agriculture; Botany; Country life; Farm life; Floriculture; Fruit culture; Gardens; Home economics; Horticulture (s); Industrial arts; Kitchen gardening (vegetables) (s); Landscape gardening; Market gardening; Planting (s); Plants; Plants, Cultivated; School gardens; Shrubs; Vegetable gardening (s); Vegetables

Refer from Botanical gardens; Flower gardens (s); Gardening; Landscape gardening

Refer from Clothing; Cutting (s); Dressmaking; Underwear

Refer from Knights and knighthood; Order of St. George (English) (s); Order of the Garter (s)

Refer from Chemistry, Organic; Chemistry, Technical; Coal; Coal gas (s); Coal-tar products; Fuel; Gas lighting; Gases; Illuminating gas (s); Lighting; Manufactures; Petroleum; Producer gas (s)

Refer from Fuel; Gas wells (s); Geology, Economic; Natural gas (s); Wells

Refer from Engines; Gas; Gas engines (s); Gas motors (s); Gas producers; Gasoline engines (s); Heat engines; Internal combustion engines (s); Kerosene engines (s); Liquid fuel; Marine engines; Motors; Oil engines (s); Petrol engines (s); Petroleum engines (s)

Refer from Gas lighting; Public service corporations

Gas fitting

See also Gas meters; Pipe fitting; Plumbing

Gas lighting

See also Acetylene; Electric gas lighting; Gas; Gas companies; Gas meters; Incandescent gas-lighting

Gas mantles *see* Incandescent gas-lighting

Gas meters

Gas motors *see* Gas and oil engines

Gas producers

See also Gas and oil engines

Gas wells *see* Gas, Natural

Gases

See also Acetylene; Aerodynamics; Air; Argon; Chemistry; Electric discharges through gases; Eudiometer; Fire damp; Gas; Helium; Ionization of gases; Liquefaction of gases; Nitrogen; Oxygen; Ozone; Viscosity

—Kinetic theory**Gasoline**

Gasoline engines *see* Gas and oil engines

Gasoline launches *see* Motor boats

Gasteropoda

See also Mollusks

Gastronomy *see* Cookery; Dinners and dining;

Eating; Food

Gastropoda *see* Gasteropoda

Gates

See also Fences

Gauging *see* Gaging

Gauls

See also Celts; France — History — To 1328; Gallic wars

Gazetteers

See also Names, Geographical; *also* names of countries, subhead Description and travel — Gazetteers

Gearing

See also Machine design; Mechanical movements; Power transmission; Valves and valve gears

Geese

See also Poultry; Water birds

Gelatin

See also Glue; Physiological chemistry

Gems

See also Cameos; Diamonds; Glyptics; Intaglios; Jewelry; Precious stones

Genealogy

See also Biography; Estates, Unclaimed; Heraldry; Peerage; Precedence; Royal descent, Families of; Visitations, Heraldic; Vital records; Wills; *also* names of families, and names of countries and cities, subhead Genealogy

Generals

See also Military biography

Generation *see* Reproduction

Refer from Pipe fitting; Plumbing

Refer from Gas; Gas companies; Incandescent gas-lighting; Lighting

Refer from Gas fitting; Gas lighting; Meters (s)

Refer from Gas; Gas and oil engines; Producer gas (s)

Refer from Chemistry; Expansion (physics); Fluids; Gas; Mechanics; Physics; Pneumatics (s); Vapor (s)

Refer from Kinetic theory of gases (s)

Refer from Liquid fuel; Petrol (s); Petroleum

Refer from Gastropoda (s); Mollusks

Refer from Architecture; Doors; Fences

Refer from Celts; Ethnology — France; France — History — To 1328; Gallic wars

Refer from Geography; Geography — Dictionaries (s); Names, Geographical

Refer from Bevel gearing (s); Cog-wheels (s); Cogwheels (s); Machine design; Machinery; Mechanical movements; Power transmission; Spiral gearing (s)

Refer from Goose (s); Poultry; Water birds; Wild geese (s)

Refer from Animal products; Glue; Isinglass (s); Physiological chemistry

Refer from Archaeology; Art; Cameos; Decoration and ornament; Diamonds; Engraving; Glyptics; Intaglios; Jewelry; Lapidary work (s); Mineralogy; Precious stones

Refer from Ancestry (s); Biography; Descendant (s); Families (s); Heraldry; History; History — Sources; Pedigrees (s)

Refer from Military biography

Generation, Spontaneous, *see* Spontaneous generation
Generators, Electric, *see* Dynamos
Geneva award *see* Alabama claims
Genius

See also Ability; Precocity; Talent

Gentlemen

See also Courtesy; Etiquet

Geochemistry

See also Mineral waters; Mineralogy; Ores; Rocks

Refer from Ability; Heredity; Insanity; Intellect; Psychology; Talent

Refer from Conduct of life; Ethics; Etiquet; Men; Young men

Refer from Chemical geology (s); Chemistry; Earth; Geological chemistry (s); Geology. Chemical (s); Mineralogy; Ores; Physical geography; Rocks

Geodes

Geodesy

See also Astronomy, Spherical and practical; Azimuth; Earth — Figure; Geography, Mathematical; Latitude and longitude; Least squares; Pendulum; Surveying; *also* names of countries and states, subhead Surveys

Refer from Geology; Rocks

Refer from Astronomy; Degrees of latitude and longitude (s); Earth; Earth — Figure; Geography, Mathematical; Mathematics; Mensuration; Surveying; Triangulation (s); Trigonometry

Geodetic surveying *see* Surveying

Geognosy *see* Geology

Geographical distribution of animals and plants

See also Acclimatization (plants); Animals — Migration; Ecology; Plant introduction; Plants — Migration; Seeds — Dispersal

Refer from Animals — Geographic distribution (s); Animals — Migration; Botany; Botany, Geographic (s); Distribution of animals and plants (s); Ecology; Physical geography; Phytogeography (s); Plant geography (s); Plants — Geographic distribution (s); Plants — Migration; Zoogeography (s); Zoology

Geographical distribution of men *see* Anthropogeography

Geographical myths

Refer from Folklore; Geography; Geography — History; Imaginary islands (s); Islands, Imaginary (s)

Geographical names *see* Names, Geographical

Geographical pathology *see* Medical geography

Geographical societies

See also Alpine clubs

Refer from Alpine clubs; Geography; Societies

Geography

See also Antarctic regions; Anthropogeography; Arctic regions; Atlases; Boundaries; Commercial geography; Continents; Discoveries and explorations; Distances; Earth; Ethnology; Explorers; Gazetteers; Geographical myths; Geographical societies; Globes; Islands; Latitude and longitude; Map drawing; Maps; Medical geography; Names, Geographical; Physical geography; Surveying; Tropics; Views; Voyages and travels; *also* names of countries, subhead Description and travel

Refer from Atlases; Earth; Physical geography; Science; Topography (s); Voyages and travels

—Ancient

See also Bible — Geography; *also* names of countries of antiquity, subhead Description, geography

Refer from Ancient geography (s); Classical geography (s); Geography, Historical; Geography — History; History, Ancient

—Biblical, *see* Bible — Geography

—Commercial, *see* Commercial geography

—Dictionaries, *see* Gazetteers

—Economic, *see* Commercial geography

Geography — Continued

—Historical

See also Geography, Ancient; Historical atlases

—History

See also Discoveries and explorations; Geographical myths; Geography, Ancient

—Mathematical

See also Astronomy; Geodesy; Latitude and longitude; Surveying; Topographical drawing

—Medical, *see* Medical geography

—Physical, *see* Physical geography

—Political, *see* Boundaries; *also* names of countries and states, subhead Boundaries

—Social, *see* Anthropogeography

—Study and teaching

Geological chemistry *see* Geochemistry

Geological surveys

Geologists

Refer from Historical atlases; Historical geography (s); History

Refer from Discoveries and explorations

Refer from Astronomy; Geodesy; Latitude and longitude; Mathematical geography (s); Mathematics; Surveying

Refer from Geology; Surveys (s)

Refer from Scientists

Geology

See also Alluvium; Beaches; Boulders; Coal; Concretions; Creation; Deluge; Dikes (geology); Drift; Earth; Earth—Age; Earthquakes; Erosion; Evolution; Geodes; Geological surveys; Geysers and hot springs; Glacial period; Glaciers; Igneous rocks; Landslides; Man—Origin and antiquity; Metals; Mineralogy; Moraines; Mountains; Ore deposits; Paleontology; Physical geography; Rocks; Sedimentation and deposition; Soils; Stone; Volcanoes

—Chemical, *see* Geochemistry

—Economic

See also Abrasives; Asbestos; Asphalt; Building stones; Cement; Chalk; Clay; Coal; Coal regions; Gas, Natural; Graphite; Gypsum; Metals; Mineral waters; Mines and mineral resources; Ore deposits; Ores; Peat; Petroleum; Phosphates; Quarries and quarrying; Salt; Soils; Stone; Sulphur

Refer from Alluvium; Concretions; Creation; Drift; Earth; Earth—Age; Earthquakes; Erosion; Geognosy (s); Geonomy (s); Glacial period; Man—Origin and antiquity; Mineralogy; Mountains; Natural history; Paleontology; Physical geography; Physical geology (s); Rocks; Science; Sedimentation and deposition; Volcanoes

Refer from Abrasives; Asbestos; Asphalt; Building stones; Cement; Chemical geology (s); Clay; Coal; Coal regions; Economic geology (s); Gas, Natural; Graphite; Gypsum; Metals; Mineral waters; Mines and mineral resources; Natural resources; Ore deposits; Ores; Peat; Petroleum; Phosphates; Salt; Sulphur

—Stratigraphic

See also Paleontology

—Algonkian

—Archaean

—Cambrian

—Carboniferous

—Cenozoic

See also Geology, Stratigraphic—Quaternary; Geology, Stratigraphic—Tertiary

—Cretaceous

—Devonian

—Eocene

—Glacial, *see* Glacial period

Refer from Stratigraphy (s)

Refer from Algonkian period (s); Geology, Stratigraphic—Proterozoic (s)

Refer from Archaean period (s); Geology, Stratigraphic—Pre-Cambrian (s); Pre-Cambrian period (s)

Refer from Cambrian period (s); Geology, Stratigraphic—Paleozoic

Refer from Carboniferous period (s); Geology, Stratigraphic—Paleozoic

Refer from Cenozoic era (s)

Refer from Cretaceous period (s); Geology, Stratigraphic—Mesozoic

Refer from Devonian period (s); Geology, Stratigraphic—Paleozoic; Oriskany formation (s)

Refer from Eocene period (s); Geology, Stratigraphic—Tertiary

Geology—Stratigraphic—Continued

—Jurassic

—Lower Silurian, *see* Geology, Stratigraphic—Ordovician

—Mesozoic

See also Geology, Stratigraphic—Cretaceous; Geology, Stratigraphic—Jurassic; Geology, Stratigraphic—Triassic

—Miocene

—Ordovician

—Paleozoic

See also Geology, Stratigraphic—Cambrian; Geology, Stratigraphic—Carboniferous; Geology, Stratigraphic—Devonian; Geology, Stratigraphic—Ordovician; Geology, Stratigraphic—Permian; Geology, Stratigraphic—Silurian

—Permian

—Pleistocene, *see* Glacial period

—Pliocene

—Pre-Cambrian, *see* Geology, Stratigraphic—Archaean

—Proterozoic, *see* Geology, Stratigraphic—Algonkian

—Quaternary

See also Glacial period

—Silurian

—Tertiary

See also Geology, Stratigraphic—Eocene; Geology, Stratigraphic—Miocene; Geology, Stratigraphic—Pliocene

—Triassic

Geology—U. S.

See also Paleontology—U. S.; Physical geography—U. S.

Geology and the Bible *see* Bible and science

Geometrical drawing

See also Geometry, Descriptive; Graphics; Mechanical drawing; Perspective; Projection

Geometry

See also Angles; Axioms; Circle; Circle-squaring; Conic sections; Curves; Fourth dimension; Geometrical drawing; Mathematics; Mensuration; Perspective; Porisms; Quaternions; Surfaces; Trigonometry

—Analytic

See also Conic sections; Curves; Surfaces

—Descriptive

See also Perspective; Projection; Shades and shadows; Stereotomy

Refer from Geology, Stratigraphic—Mesozoic; Jurassic period (s)

Refer from Mesozoic era (s)

Refer from Geology, Stratigraphic—Tertiary; Miocene period (s)

Refer from Geology, Stratigraphic—Lower Silurian (s); Geology, Stratigraphic—Paleozoic; Lower Silurian period (s); Ordovician period (s)

Refer from Paleozoic era (s)

Refer from Geology, Stratigraphic—Paleozoic; Permian period (s)

Refer from Geology, Stratigraphic—Tertiary; Pliocene period (s)

Refer from Geology, Stratigraphic—Cenozoic; Glacial period; Quaternary period (s)

Refer from Geology, Stratigraphic—Paleozoic; Silurian period (s)

Refer from Geology, Stratigraphic—Cenozoic; Tertiary period (s)

Refer from Geology, Stratigraphic—Mesozoic; Triassic period (s)

Refer from Paleontology—U. S.; Physical geography—U. S.; U. S.—Geology (s)

Refer from Drawing; Geometry; Graphics; Mathematical drawing (s); Mechanical drawing; Projection

Refer from Angles; Axioms; Circle; Circle-squaring; Mathematics; Plane geometry (s); Solid geometry (s); Stereography (s); Trigonometry

Refer from Analytical geometry (s); Conic sections; Coordinate geometry (s)

Refer from Descriptive geometry (s); Geometrical drawing; Projection; Shades and shadows

Geonomy *see* Geology; Physical geography

Germ theory of disease

See also Bacteriology

German (dance) *see* Cotillion

German-American literature

See also Germans in the U. S.

German Baptist brethren

German dictionaries *see* German language — Dictionaries

German drama

See also Dramatists, German; German literature; Theater — Germany

German empire (Western empire) *see* Holy Roman empire

German fiction

See also German literature

German grammar *see* German language — Grammar

German Hebrew *see* Yiddish language

German language

See also Germanic languages

— Accents

— Antonyms *see* German language — Synonyms and antonyms

— Composition

— Conversation and phrase books

— Dialects

See also Low German language

— Dictionaries

— Etymology

— Grammar

— History

— Idioms

— Meter, *see* German language — Prosody

— Orthography, *see* German language — Spelling

— Pronunciation

— Prosody

— Readers

— Spelling

— Study and teaching

— Synonyms and antonyms

— Syntax, *see* German language — Grammar

German literature

See also Austrian literature; Authors, German; German-American literature; German drama; German fiction; German poetry; Parodies; Romances

German philosophy *see* Philosophy, German

German poetry

See also German literature; Meistersingers; Minnesingers; Poets, German

German romances

For medieval romances *see* Romances; for modern romances *see* German fiction

Refer from Bacilli (s); Bacteriology; Contagion and contagious diseases; Disease germs (s); Germs (s); Medicine; Pathology

Refer from American literature; German literature; Germans in the U. S.

Refer from Baptists; Dunkards (s); Dunkers (s); Sects; Seventh-day Baptists; Tunkards (s); Tunkers (s)

Refer from Dramatists, German; German literature; Theater — Germany

Refer from German literature; German romances (s)

Refer from Germanic languages

Refer from German dictionaries (s)

Refer from German grammar (s); German language — Syntax (s)

Refer from German language — Meter (s)

Refer from German language — Orthography (s)

Refer from German language — Antonyms (s)

Refer from Austrian literature; Authors, German; German drama; German fiction; German poetry

Refer from German literature; Meistersingers; Minnesingers; Poets, German

Germanic languages

See also Anglo-Saxon language; Aryan languages; Danish language; Dutch language; English language; Flemish language; German language; Gothic language; Grimm's law; Icelandic language; Low German language; Norwegian language; Old Saxon language; Runes; Scandinavian languages; Swedish language

Germanic mythology *see* Mythology, Germanic

Germanic race *see* Teutonic race

Germs in Pennsylvania

See also Germans in the U. S.; Redemptioners; Schwenkfelders

Germans in the U. S.

See also German-American literature; Germans in Pennsylvania; U. S.—History — Revolution — German troops

Germany — History

See also Hanseatic league; Holy Roman empire; Prussia — History

———To 1517

See also Franks; Goths

———1517-1740

See also Peasants' war; Reformation — Germany; Spanish succession, War of; Thirty years' war

———1740-1815

See also Austrian succession, War of; Napoleonic wars; Seven years' war

———1815-1866

See also Germany — History — Revolution, 1848-1849

———Revolution, 1848-1849

———1866-

See also Franco-German war; Triple alliance, 1883-

Germicides *see* Disinfection and disinfectants; Fungicides

Germination

See also Botany — Physiology; Seeds

Germs *see* Bacteriology; Germ theory of disease

Gerrymander

Gesso

See also Arts and crafts

Gesture

See also Delsarte system; Elocution; Pantomime; Sign language

Gettysburg, Battle of, 1863

See also U. S.—History — Civil war

Geyzers and hot springs

See also Springs

Ghettos

See also Jews

Ghibellines *see* Guefts and Ghibellines

Ghost dance

See also Indians — Dances

Ghost stories

Refer from Anglo-Saxon language; Aryan languages; Dutch language; English language; Flemish language; German language; Gothic language; Low German language; Old Saxon language; Scandinavian languages; Teutonic languages (s)

Refer from Germans in the U. S.; Pennsylvania Dutch (s); Pennsylvania Germans (s)

Refer from German-American literature; Germans in Pennsylvania; U. S.—Foreign population

Refer from Hanseatic league; Holy Roman empire; Prussia — History

Refer from Franks; Goths

Refer from Peasants' war; Reformation — Germany; Thirty years' war

Refer from Austrian succession, War of; Seven years' war

Refer from Germany — History — 1815-1866; Revolutions

Refer from Botany — Embryology; Botany — Physiology; Seeds

Refer from Elections; Elections — U. S.; Representative government and representation; U. S.—Politics

Refer from Arts and crafts; Mural painting and decoration; Plaster and plastering; Stucco

Refer from Acting; Elocution; Oratory; Pantomime

Refer from Battles; U. S.—History — Civil war — Campaigns and battles

Refer from Geology; Hot springs (s); Physical geography; Springs; Thermal springs (s)

Refer from Jewries (s); Jews

Refer from Indians — Dances

Refer from Ghosts

Ghosts

See also Apparitions; Demonology; Ghost stories; Illusions and hallucinations; Psychological research; Spiritualism; Superstition

Giants

Gifts

See also Charities · Christmas gifts; Philanthropy

Gifts (kindergarten) *see* Kindergarten

Gilding

See also Electroplating; Metal coloring

Gilds

See also Employers' associations; Labor unions; Livery; Neighborhood gilds; *also* names of cities, subhead Gilds

Ginseng

Gipsies

See also Nomads

Gipsy language *see* Romany language

Gipsy moth

Girders

See also Bridges; Building; Graphic statics; Roofs; Steel construction; Strains and stresses; Trusses

Girls

See also Child labor; Children; Coeducation; Education; Education of women; Girls' clubs; School children; Women; Young women; Youth

Girls' clubs

Girondists

See also French revolution

Giving *see* Charity; Gifts; Philanthropy

Glacial drift *see* Drift

Glacial period

See also Drift; Geology; Geology, Stratigraphic — Quaternary; Glaciers; Man — Origin and antiquity

Glaciers

See also Boulders; Drift; Erosion; Glacial period; Ice; Icebergs; Moraines; Physical geography

Gladiators

Gladness *see* Cheerfulness; Contentment; Happiness

Glands

See also Anatomy; Liver

Glass

See also Annealing; Glass flowers; Glass manufacture; Glazing; Stained glass; Windows

—Ornamental

See also Stained glass

Glass flowers

Refer from Apparitions; Folklore; Haunted houses (s); Illusions and hallucinations; Psychological research; Specters (s); Spectres (s); Spirits (s); Superstition

Refer from Man; Monsters

Refer from Bequests (s); Deeds; Ethics; Giving (s); Presents (s)

Refer from Goldsmithing; Metal coloring; Painting, Mechanical; Plating

Refer from Associations (s); Commerce; Corporations; Economics; Guilds (s); Labor and laboring classes; Labor organizations (s); Labor unions; Local government; Societies; Sociology; Workingmen's associations (s)

Refer from Agricultural products; Medical botany

Refer from Ethnology; Gypsies (s); Nomads; Vagabonds (s)

Refer from Gypsy moth (s); Moths; Trees — Diseases and pests

Refer from Beams (s); Bridges; Building; Graphic statics; Plate girders (s); Roofs; Steel construction; Strains and stresses; Strength of materials; Trusses

Refer from Children; Conduct of life; Women; Working girls (s); Young people (s); Young women; Youth

Refer from Clubs; Girls; Women's clubs

Refer from French revolution

Refer from Drift; Earth; Geology; Geology, Stratigraphic — Glacial (s); Geology, Stratigraphic — Pleistocene (s); Geology, Stratigraphic — Quaternary; Glaciers; Ice age (s); Man — Origin and antiquity; Pleistocene period (s)

Refer from Boulders; Drift; Erosion; Geology; Glacial period; Ice; Moraines; Physical geography; Water

Refer from Amphitheaters; Fighting (s); Rome — Social life and customs

Refer from Anatomy; Liver

Refer from Annealing; Arts and crafts; Building materials; Cut glass (s); Plate glass (s); Windows

Refer from Art glass (s); Stained glass

Refer from Artificial flowers; Flowers; Glass

Glass manufacture

See also Chemistry, Technical; Mirrors; Optical instruments

Glass painting *see* Stained glass

Glassites *see* Sandemanians

Glazing**Glees**

See also Choruses and part songs; Songs

Gliders *see* Aeroplanes

Globes

See also Astronomy

Gloves

See also Costume

Glucose

See also Chemistry, Technical

Glue

See also Adhesives; Bone products; Gelatin; Paste

Glyptics

See also Gems

Gnomes *see* Fairies

Gnomonics *see* Sundials

Gnosticism**Goats**

See also Angora goats; Ungulata

Gobelin tapestry

Goblins *see* Fairies

God

See also Absolute, The; Agnosticism; Atheism; Bible; Causation; Christianity; Creation; Deism; Holy Spirit; Idolatry; Jesus Christ; Metaphysics; Monotheism; Mythology; Natural religion; Pantheism; Polytheism; Providence; Religion; Teleology; Theism; Theocracy; Theology; Trinity

Gold

See also Alchemy; Cyanide process; Gold (as money); Gold dredging; Gold mines and mining; Goldsmithing; Jewelry; Precious metals

Gold (as money)

See also Bimetallism; Coinage; Money

Gold cure**Gold dredging**

See also Gold mines and mining

Gold mines and mining

See also Gold dredging; Hydraulic mining; Prospecting

Gold plate *see* Plate

Golden fleece *see* Argonauts

Goldsmithing

See also Arts and crafts; Gilding; Hall marks; Jewelry; Metal coloring; Plate

Golf**Good Friday**

See also Lent

Refer from Chemistry, Technical; Glass; Industrial arts; Manufactures

Refer from Glass; Pottery

Refer from Choruses and part songs; Music; Songs

Refer from Astronomy; Earth; Geography; Maps

Refer from Costume; Hand

* *Refer from* Chemistry, Technical; Sugar

Refer from Adhesives; Animal products; Bone products; Cement; Chemistry, Technical; Gelatin; Paste

Refer from Art; Carving (art industries); Engraving; Gems

Refer from Philosophy

Refer from Angora goats; Dairying; Domestic animals; Ungulata

Refer from Tapestry

Refer from Atheism; Bible; Christianity; Creation; Deism; Monotheism; Natural religion; Pantheism; Philosophy; Religion; Teleology; Theism; Theodicy (s); Theology; Trinity

Refer from Precious metals

Refer from Bimetallism; Coinage; Gold; Money; Specie (s)

Refer from Alcoholism; Inebriate asylums; Keeley cure (s); Therapeutics

Refer from Dredging; Gold; Gold mines and mining; Hydraulic mining; Placer mining (s)

Refer from Gold; Gold dredging; Hydraulic mining; Mines and mineral resources

Refer from Arts and crafts; Gold; Hall marks; Jewelry; Metal coloring; Metal work; Plate

Refer from Games

Refer from Christian year; Fasts and feasts; Holy week; Lent

Goodness

See also Virtue

Goose *see* Geese**Gorillas**

See also Apes

Gospels *see* Bible — New Testament — Gospels**Gothenburg system**

See also Dispensary system

Gothic architecture *see* Architecture, Gothic**Gothic language**

See also Germanic languages

Goths

See also Barbarian invasions of Rome;

Germany — History — To 1517

Gout**Government**

See also Anarchism and anarchists; Aristocracy; Ballot; Bureaucracy; Cabinet system; Charters; Church and state; Citizenship; Civil rights; Civil service; Civilization; Colonies and colonization; Communism; Constitutional history; Constitutional law; Constitutions; Crime and criminals; Democracy; Despotism; Diplomacy; Diplomatic and consular service; Divine right of kings; Economics; Education and state; Elections; Equality; Executive power; Federal government; Feudalism; Finance; Free institutions; Government ownership; Government regulation of industry; Home rule; Immigration and emigration; Impeachment; Imperial federation; Imperialism; Individualism; Law; Legislation; Legislative bodies; Liberalism; Liberty; Local government; Magistrates; Matriarchy; Military government; Monarchy; Municipal government; Nations; Nihilism; Nominations; Nullification; Oaths; Oligarchy; Paternalism; Patriarchy; Patriotism; Petition, Right of; Platforms, Political; Police; Police power; Political conventions; Political corruption; Political ethics; Political offenses; Political parties; Politics; Primaries; Prisons; Privileged classes; Property; Proportional representation; Punishment; Race problems; Railroads and state; Rebellion; Recall; Reciprocity; Referendum; Regency; Religious liberty; Representative government and representation; Republics; Revolutions; Riots; Secession; Serfdom; Slavery; Social contract; Socialism; Society, Primitive; Sociology; Sovereignty; State governments; State rights; Statesmen; Statistics; Suffrage; Taxation; Theocracy; Town meeting; Towns; Treaties; Tribes and tribal system; Tyranny; Utopias; Veto; Village communities; Villages; *also* names of countries and states, subheads Constitution, Government, and Politics, and names of cities, subhead Government and politics

Government banking *see* Banks and banking; Postal savings banks

Refer from Christian life and character; Ethics; Virtue

Refer from Apes; Monkeys; Primates

Refer from Dispensary system; Liquor laws; Liquor traffic

Refer from Germanic languages

Refer from Barbarian invasions of Rome; Germany — History — To 1517; Ostrogoths (s); Teutonic race; Visigoths (s)

Refer from Medicine — Practice

Refer from Administration (s); Aristocracy; Citizenship; Civics (s); Civil government (s); Constitutional law; Constitutions; Democracy; History; Law; Legislation; Monarchy; Political science (s); Politics; Republics; Science; Social science (s); Sociology; Sovereignty; State, The (s); Statesmanship (s)

Government by commission *see* Municipal government — Commission plan
Government buildings *see* Public buildings
Government officials *see* Civil service
Government ownership

See also Government regulation of industry; Municipal ownership; Postal telegraph; Public service corporations; Railroads and state; Socialism

Government publications

See also names of countries, subhead Government publications

Government regulation of industry

See also Corporation law; Corporations; Factory laws; Government ownership; Interstate commerce; Labor laws; Municipal ownership; Paternalism; Police power; Public service commissions; Public service corporations; Railroad commissions; Railroads — Rates; Railroads and state; State rights; Trusts

Governors

Gowrie conspiracy, 1600

See also Scotland — History

Graal *see* Grail

Grace (theology)

See also Justification

Grade crossings *see* Railroads — Crossings

Grading in schools *see* School grading and promotions

Graduated taxation *see* Taxation, Progressive

Graduation *see* Commencements

Graft

See also Bribery; Political corruption

Grafting

See also Fruit culture

Grail

See also Arthurian romances

Grain

See also Barley; Corn; Grain elevators; Oats; Rice; Seeds — Selection and testing; Wheat

Grain elevators

Graining

See also Painting, Mechanical; Stains and staining; Wood finishing

Grammar

See also Etymology; Grammar, English; Prosody; *also* names of languages other than English, e.g. German language — Grammar

Refer from Corporations; Economics; Federal ownership (s); Government; Government regulation of industry; Monopolies; Municipal ownership; National ownership (s); Nationalism (s); Paternalism; Postal telegraph; Public ownership (s); Public service corporations; Railroads — Government ownership (s); Railroads and state; Socialism; State ownership (s)

Refer from Documents (s); Official publications (s); Public documents (s); State publications (s)

Refer from Commerce; Economics; Federal regulation of industry (s); Government; Government ownership; Industry; Municipal ownership; Paternalism; Police power; Public service commissions; Public service corporations; Railroads and state; State regulation of industry (s)

Refer from Biography; U. S. — Biography; Statesmen

Refer from Scotland — History

Refer from Conversion; Justification; Salvation; Theology

Refer from Boss rule; Bribery; Crime and criminals; Political corruption; Political ethics

Refer from Forests and forestry; Fruit culture; Gardening; Plant propagation; Trees

Refer from Arthurian romances; Graal (s); Gréal (s); Holy grail (s); Legends; Sangreal (s)

Refer from Agricultural products; Barley; Breadstuffs (s); Cereals (s); Corn; Feeding and feeding stuffs; Flour and flour mills; Food; Oats; Threshing; Wheat

Refer from Architecture; Elevators, Grain (s); Grain; Warehouses

Refer from Painting, Mechanical; Stains and staining; Wood finishing; Woodwork

Refer from Accidence (s); Language; Syntax (s); Words

Grammar—Continued

—English

Grammar schools

See also Education, Elementary

Gramophone *see* Phonograph

Grand jury *see* Jury

Grand opera *see* Opera

Grange

Grangerism *see* Extra illustration

Granite

See also Building stones; Rocks

Grape

See also Fruit; Wine

Grapes *see* Grape

Graphic arts *see* Art; Drawing; Engraving; Painting

Graphic statics

See also Bridges; Girders; Mechanical drawing; Roofs; Steel construction; Strains and stresses; Strength of materials

Graphics

See also Geometrical drawing; Graphic statics; Mechanical drawing

Graphite

See also Geology, Economic

Graphology

See also Penmanship; Writing

Graphophone *see* Phonograph

Grass *see* Grasses

Grasses

See also Bamboo; Clover; Feeding and feeding stuffs; Forage plants; Grazing; Hay; Lawns; Pastures and meadows

Grasshoppers *see* Locusts

Grave mounds *see* Mounds and mound builders

Graves *see* Burial; Cemeteries; Mounds and mound builders; Tombs

Gravestones *see* Tombstones

Graveyards *see* Cemeteries

Gravitation

See also Astronomy; Matter; Pendulum; Physics; Potential, Theory of; Specific gravity; Weights and measures

Gray friars *see* Franciscans

Grazing

See also Forage plants; Pastures and meadows

Gréal *see* Grail

Grease *see* Lubrication and lubricants; Oils and fats

Great Lakes

Refer from English grammar (s); English language; English language—Grammar (s); English language—Syntax (s); English syntax (s); Grammar

Refer from Education; Education, Elementary; Public schools; Schools

Refer from Agricultural societies; Commerce; Farmers; Patrons of husbandry (s); Secret societies

Refer from Building stones; Igneous rocks; Stone; Rocks

Refer from Fruit; Grapes (s); Vine (s); Vines (s); Vineyards (s); Viticulture (s); Wine

Refer from Bridges; Building; Girders; Graphics; Mechanical drawing; Mechanics; Roofs; Statics; Steel construction; Strains and stresses; Strength of materials

Refer from Drawing; Geometrical drawing; Mechanical drawing

Refer from Black lead (s); Carbon; Geology, Economic; Plumbago (s)

Refer from Character; Character reading (s); Handwriting (s); Penmanship; Psychology; Writing

Refer from Agrostology (s); Botany, Economic; Feeding and feeding stuffs; Forage plants; Grass (s); Hay; Herbage (s); Lawns; Pastures and meadows

Refer from Astronomy; Centrifugal force; Matter; Pendulum; Physics; Specific gravity; Weights and measures

Refer from Forage plants; Grasses; Live stock; Pastures and meadows; U. S.—Public lands

Refer from Lakes; U. S.—Commerce; Waterways—Canada; Waterways—U. S.

Great schism, 1378-1417, *see* Schism, The
great western, 1378-1417

Greek architecture *see* Architecture, Greek

Greek church

See also Coptic church; Eastern churches

Greek civilization *see* Greece — Civilization;
Hellenism

Greek culture *see* Hellenism

Greek drama

See also Dramatists, Greek; Greek literature;
Theater — Greece

Greek empire *see* Byzantine empire

Greek language [subdivided like German
language]

See also Aryan languages

Greek language (modern)

Greek letter societies *see* Fraternities, College;
Fraternities, High school

Greek literature

See also Authors, Greek; Classical literature;
Greek drama; Greek poetry; Hellenism;
Satire, Greek

Greek literature (modern)

Greek mythology *see* Mythology, Classical

Greek philosophy *see* Philosophy, Greek

Greek poetry

See also Greek drama; Greek literature;
Poets, Greek

Greek satire *see* Satire, Greek

Greenbacks

See also Legal tender; Money — U. S.;
Paper money

Greenhouses

See also Market gardening

Greetings *see* Salutations

Gregorian calendar *see* Calendar

Gregorian chant *see* Chants

Gregorian music *see* Chants

Grey friars *see* Franciscans

Grilles

See also Ironwork; Lattice

Grimm's law

Grinding and polishing

See also Abrasives; Machine shop practice

Grippe *see* Influenza

Grist mills *see* Flour and flour mills

Groceries

Grotesque

See also Caricature and cartoons

Grottoes *see* Caves

Ground water *see* Water, Underground

Group plan for public buildings *see* Municipal
centers

Groups, Theory of

See also Algebra; Crystallography

Refer from Catholic church; Eastern churches;
Holy eastern church (s); Orthodox eastern
church (s); Russian church (s)

Refer from Dramatists, Greek; Greek
literature; Greek poetry; Theater — Greece

Refer from Aryan languages; Classical
languages (s)

Refer from Romaic language (s)

Refer from Authors, Greek; Classical literature;
Greek drama; Greek poetry; Satire,
Greek

Refer from Romaic literature (s)

Refer from Greek literature; Poets, Greek

Refer from Fiat money (s); Legal tender;
Money; Money — U. S.; Paper money

Refer from Agriculture; Architecture; Conservatories (s); Floriculture; Gardening; Hot-
houses (s); Market gardening; Winter garden-
ing (s)

Refer from Architecture; Doors; Fret
cutting (s); House decoration; Ironwork;
Lattice; Windows

Refer from Germanic languages

Refer from Abrasives; Machine shop practice;
Machine tools; Polishing (s)

Refer from Food

Refer from Esthetics

Refer from Algebra; Equations; Functions;
Mathematics; Numbers; Theory of groups (s)

Growth

See also Regeneration (biology)

Guano

See also Fertilizers and manures

Guaranties and sureties

See also Bail; Bailments; Bonds; Commercial law

Guaranty of bank deposits *see* Banks and banking — Guaranty of deposits

Guardians

See also Administrators and executors; Adoption; Domestic relations; Probate law and practice; Trustees

Guelphs and Ghibellines

See also Italy — History — To 1559

Guelphs *see* Guelphs and Ghibellines

Guerrillas *see* Guerrillas

Guerrillas

See also U. S. — History — Civil war

Guests

See also Entertaining; Hospitality

Guide-books *see* names of countries and places, e.g. U. S. — Description and travel — Guidebooks

Guidebooks *see* names of countries and places, e.g. U. S. — Description and travel — Guidebooks

Guilds *see* Gilds

Guillotine

Guitar

See also Stringed instruments

Gulfs *see* Bays and gulfs

Gums and resins

See also Chemistry, Technical; Varnish and varnishing

Gun *see* Guns

Guncotton

See also Celluloid; Cellulose; Explosives; Gunpowder

Gunnery

•See also Ammunition; Artillery; Artillery drill and tactics; Ballistics; Explosives; Firearms; Gunpowder; Guns; Ordnance; Projectiles; Rifle practice; Shooting; Target practice

Gunning *see* Hunting; Shooting

Gunpowder

See also Ammunition; Explosives; Guncotton

Gunpowder plot

See also England — History — Stuarts

Guns

See also Ammunition; Artillery; Bayonets; Firearms; Gunnery; Gunpowder; Naval guns; Ordnance; Pistols; Rifles; Shooting; Shotguns

Refer from Age; Biology; Development (s); Physiology

Refer from Fertilizers and manures

Refer from Bail; Bonding companies (s); Bonds; Commercial law; Contracts; Law; Sureties (s)

Refer from Adoption; Domestic relations; Inheritance; Law; Probate law and practice; Trustees; Wards (s); Wills

Refer from Ghibellines (s); Guelphs (s); Italy — History — To 1559

Refer from Guerrillas (s); International law; Military art and science; U. S. — History — Civil war; War

Refer from Entertaining; Etiquet; Home economics; Hospitality; Visiting (s)

Refer from Capital punishment

Refer from Musical instruments; Stringed instruments

Refer from Chemistry, Technical; Forest products; Resins (s); Rosin (s)

Refer from Celluloid; Cellulose; Explosives; Gunpowder

Refer from Artillery; Artillery drill and tactics; Ballistics; Firearms; Fortification; Guns; Military art and science; Naval art and science; Naval gunnery (s); Ordnance; Projectiles; Shooting; Target practice

Refer from Ammunition; Chemistry, Technical; Explosives; Firearms; Guncotton; Gunnery; Guns; Ordnance; Powder (s); Smokeless powder (s)

Refer from Catholic church in England; Conspiracies; England — History — Stuarts

Refer from Arms and armor; Cannon (s); Firearms; Gun (s); Gunnery; Hunting; Machine guns (s); Ordnance; Rifles; Shooting

Gutta-percha

See also Rubber

Gymnasiums

See also Gymnastics; Physical education

Gymnastics

See also Acrobats; Athletics; Drills and marches; Dumb-bells; Exercise; Gymnasiums; Indian clubs; Physical education

—**Medical**

See also Mechanotherapy; Physical education; Swedish movement cure

Gynecology *see* Women — Diseases

Gypsies *see* Gipsies

Gypsum

See also Geology, Economic

Gypsy language *see* Romany language

Gypsy moth *see* Gipsy moth

Gyroscope

See also Railroads — Single rail

Habeas corpus

See also Constitutional law; Martial law

Habit

See also Inhibition; Instinct; Left- and right-handedness; Psychology; Subconsciousness

Habitations, Human, *see* Architecture, Domestic; Housing problem

Habitations of animals *see* Animals — Habitations

Habits of animals *see* Animals — Habits and behavior

Hades *see* Future life; Hell

Haematology *see* Blood

Hail

Hair

See also Baldness; Hairdressing

Hair dressing *see* Hairdressing

Hairdressing

See also Costume; Fashion; Toilet

Half-tone process *see* Photo-engraving

Hall marks

See also Goldsmithing; Pewter; Plate; Silverware

Hall of fame

Halloween

Hallucinations *see* Illusions and hallucinations

Hamites

See also Berbers

Hamitic languages

See also African languages; Coptic language; Egyptian language

Hand

See also Ambidexterity; Anatomy; Finger prints; Gloves; Left- and right-handedness; Manicuring; Palmistry

Refer from Chemistry, Technical; Rubber

Refer from Gymnastics; Physical education

Refer from Acrobats; Athletics; Calisthenics (s); Callisthenics (s); Dumb-bells; Exercise; Gymnasiums; Hygiene; Indian clubs; Manly exercise (s); Physical education; Sports; Training; Turning (gymnastics) (s)

Refer from Mechanotherapy; Medical gymnastics (s); Movement cure (s); Physical education; Swedish movement cure; Therapeutic gymnastics (s); Therapeutics

Refer from Fertilizers and manures; Geology, Economic

Refer from Physics; Railroads — Single rail; Rotation

Refer from Arrest; Constitutional law; Law; Martial law

Refer from Conduct of life; Ethics; Inhibition; Instinct; Psychology

Refer from Meteorology; Storms; Water

Refer from Baldness; Beauty, Personal; Color of man; Head; Pathology

Refer from Coiffure (s); Costume; Fashion; Hair; Hair dressing (s); Toilet

Refer from Goldsmithing; Jewelry; Marks, Goldsmiths' (s); Plate; Plate marks (s); Silversmithing; Silverware

Refer from Fame; U. S.— Biography

Refer from All hallow eve (s); Fortune telling; Manners and customs; Superstition

Refer from Berbers; Ethnology; Ethnology — Africa

Refer from African languages; Coptic language; Egyptian language

Refer from Ambidexterity; Anatomy; Beauty, Personal; Fingers (s); Left- and right-handedness

Hand-ball *see* Handball
Hand-railings *see* Railings
Handball

Handicraft

See also Arts and crafts; Domestic arts; Industrial arts; Manual training; Occupations
Handrailings *see* Railings
Handwriting *see* Autographs; Graphology; Penmanship; Writing
Hanging *see* Capital punishment
Hanse towns *see* Hanseatic league
Hanseatic league

See also Germany — History; Middle ages — History; *also* names of towns in the league

Happiness

See also Cheerfulness; Contentment; Hedonism; Joy; Optimism; Pleasure

Harbor defense *see* Coast defense

Harbors

See also Breakwaters; Buoys; Civil engineering; Docks; Dredging; Jetties; Pilots and pilotage; Wharves; *also* names of cities, subhead Harbor

Hard times *see* Business depression; Panics

Hardness

Hardware

See also Bolts and nuts; Cutlery; Files and rasps; Knives; Locks and keys; Metal work; Nails and spikes; Screws; Tools

Hare *see* Hares

Harem

See also Turkey — Social life and customs

Hares

See also Belgian hares; Coursing; Rabbits; Rodents

Harlequins *see* Clowns

Harmonists

See also Economy, Pa.

Harmonites *see* Harmonists

Harmonium *see* Reed organ

Harmony

See also Counterpoint; Melody; Modulation; Music — Theory

Harmony of the Gospels *see* Bible — New Testament — Gospels — Harmonies

Harmony society *see* Harmonists

Harness

See also Checkreins

Harp

See also Stringed instruments

Harpoons

Harpsichord

See also Musical instruments; Piano

Harrowing *see* Tillage

Harvesters *see* Harvesting machinery

Refer from Ball (s); Games; Hand-ball (s)

Refer from Arts and crafts; Crafts (s); Domestic arts; Industrial arts; Manual training; Occupations

Refer from Cities; Commerce; Germany — Commerce; Germany — History; Hanse towns (s); Middle ages — History

Refer from Cheerfulness; Contentment; Ethics; Gladness (s); Hedonism; Joy; Pleasure

Refer from Civil engineering; Commerce; Docks; Engineering; Hydraulic engineering; Hydrography; Municipal improvement; Navigation; Ports (s); Transportation

Refer from Matter; Mineralogy

Refer from Building; Iron; Manufactures; Metal work; Metals

Refer from Polygamy; Seraglio (s); Turkey — Social life and customs; Women

Refer from Belgian hares; Coursing; Hare (s); Rabbits; Rodents

Refer from Communism; Harmonites (s); Harmony society (s); Rappists (s); Sects

Refer from Composition (music); Melody; Modulation; Music; Music — Theory; Thorough bass (s)

Refer from Checkreins; Horse; Leather; Manufactures; Saddlery (s)

Refer from Musical instruments; Stringed instruments

Refer from Fishing; Whaling

Refer from Musical instruments; Piano; Stringed instruments

Harvesting machinery

See also Farm implements and machinery;
Mowing machines

Hasheesh *see* Hashish

Hashish

See also Hemp; Narcotics

Hastings, Battle of

See also England — History — Normans

Hate

See also Emotions

Hats

See also Costume; Headgear; Millinery

Haunted houses *see* Ghosts

Hawking *see* Falconry

Hay

See also Alfalfa; Clover; Feeding and feeding stuffs; Grasses; Pastures and meadows

Hay boxes *see* Fireless cookers

Hay fever

See also Catarrh; Respiratory organs — Diseases

Hay stoves *see* Fireless cookers

Hazing

See also Fraternities, College; Student life

Head

See also Anatomy; Baldness; Brain; Ear; Eye; Face; Hair; Headache; Mouth; Nose; Phrenology; Physiognomy; Skull

Head-gear *see* Headgear

Head-hunters

See also Dyaks; Formosa

Headache**Headgear**

See also Costume; Hats; Helmets; Millinery

Headstones *see* Tombstones

Healing *see* Therapeutics

Healing, Mental, *see* Mental healing

Health *see* Hygiene

Health boards

See also Hygiene, Public

Health insurance *see* Insurance, Health

Health resorts

See also Climate; Mineral waters; Sanatoriums; Summer resorts; Winter resorts

Health thoughts *see* Mental healing

Heaths, Drinking of, *see* Drinking customs; Toasts

Hearing

See also Deafness; Ear; Senses and sensation

Heart

See also Auscultation; Blood; Blood vessels; Sphygmograph

Refer from Binders (s); Farm implements and machinery; Harvesters (s); Reapers (s); Reaping machines (s)

Refer from Bhang (s); Hasheesh (s); Hemp; Narcotics

Refer from England — History — Normans

Refer from Emotions

Refer from Costume; Headgear; Manufactures; Millinery

Refer from Agricultural products; Feeding and feeding stuffs; Grasses; Pastures and meadows

Refer from Autumnal catarrh (s); Catarrh; Fever; Medicine — Practice; Respiratory organs — Diseases

Refer from Colleges and universities; Fraternities, College; Secret societies; Student life

Refer from Anatomy; Brain; Skull

Refer from Dyaks; Ethnology; Formosa; Malays

Refer from Head; Medicine — Practice; Nervous system — Diseases

Refer from Costume; Hats; Head-gear (s); Millinery

Refer from Boards of health (s); Hygiene, Public; Public health boards (s)

Refer from Climate; Hygiene; Invalids; Mineral waters; Resorts (s); Sanatoriums; Spas (s); Summer resorts; Watering places (s); Winter resorts

Refer from Acoustics (s); Audition (s); Deafness; Ear; Perception; Senses and sensation; Sound

Refer from Blood; Blood vessels; Chest; Vascular system

Heat

See also Animal heat; Boiling points; Calorimeters and calorimetry; Cold; Combustion; Earth — Temperature; Expansion (physics); Fire; Flame; Heating; Liquefaction of gases; Melting points; Physics; Pyrometers and pyrometry; Radiation; Steam; Sun; Temperature; Thermodynamics; Thermometer

Heat engines

See also Air engines; Gas and oil engines; Steam engines; Thermodynamics

Heathenism *see* Paganism

Heating

See also Boilers; Car heating, lighting and ventilation; Chimneys; Electric heating; Fireplaces; Fuel; Furnaces; Heat; Hot water heating; Steam heating; Stoves; Ventilation

Heatstroke**Heaven**

See also Angels; Future life

Heavens *see* Astronomy

Hebrew language

See also Semitic languages; Yiddish language

Hebrew literature

See also Bible — Old Testament; Cabala; Hebrew poetry; Jewish literature; Oriental literature; Talmud; Yiddish literature

Hebrew poetry

See also Bible — Old Testament — Poetical books; Hebrew literature

Hebrews *see* Jews

Hedges

See also Evergreens; Landscape gardening; Shrubs

Hedonism

See also Egoism; Epicureans; Ethics; Happiness; Pleasure; Selfishness; Utilitarianism

Heights *see* Altitudes

Heirs *see* Inheritance

Helicopters *see* Flying machines

Heliochromy *see* Color photography

Heliogravure *see* Photogravure

Heliometer

See also Astronomical instruments; Parallax

Heliostat

See also Astronomical instruments

Heliotropism

See also Irritability; Plants — Movements

Heliotype

See also Collotype; Photomechanical processes

Helium

See also Radioactivity

Hell

See also Future life; Future punishment

Refer from Caloric (s); Cold; Combustion; Expansion (physics); Fire; Heating; Meteorology; Physics; Radiation; Steam engines; Temperature; Thermodynamics; Vibration

Refer from Engines; Gas and oil engines; Thermodynamics

Refer from Architecture; Architecture, Domestic; Building; Chimneys; Fire; Fuel; Heat; Home economics; Sanitary engineering; Sanitation, Household; Steam heating; Stoves; Ventilation; Warming (s)

Refer from Medicine — Practice; Sunstroke (s)

Refer from Death; Eschatology; Future life; Paradise (s); Theology

Refer from Jewish language (s); Jews — Language (s); Semitic languages

Refer from Hebrew poetry; Jewish literature; Jews — Literature (s); Oriental literature

Refer from Hebrew literature

Refer from Evergreens; Fences; Landscape gardening; Shrubs; Trees

Refer from Ethics; Happiness; Philosophy; Pleasure; Selfishness

Refer from Astronomical instruments

Refer from Astronomical instruments

Refer from Irritability; Light; Plants — Movements

Refer from Collotype; Photography; Photomechanical processes

Refer from Chemical elements; Gases; Radioactivity

Refer from Death; Eschatology; Future life; Future punishment; Hades (s); Retribution (s); Theology

Hellenism

See also Classicism; Neoplatonism

Helmets

Helminthology *see* Parasites; Worms

Hematology *see* Blood

Hemiplegia *see* Paralysis

Hemiptera

See also Chinch bugs; Cicadas; Insects;

Plant lice; Scale insects

Hemorrhage

See also Bloodletting

Hemp

See also Cordage; Fibers; Hashish; Jute;

Linen; Ramie; Rope

Hen *see* Poultry

Hen houses *see* Poultry houses

Hens *see* Poultry

Heraldic visitations *see* Visitations, Heraldic

Heraldry

See also Arms and armor; Chivalry; Decorations of honor; Devices; Emblems; Flags; Genealogy; Insignia; Knights and knighthood; Mottoes; Peerage; Precedence; Seals (numismatics); Titles of honor and nobility; Visitations, Heraldic

Herbage *see* Grasses

Herbs, Medicinal, *see* Medical botany

Heredity

See also Biology; Breeding; Consanguinity; Defectives; Degeneration; Eugenics; Evolution; Genius; Hybridization; Mendel's law; Natural selection; Physical deterioration; Plant breeding; Prenatal influences; Species; Variation (biology)

Heresy

See also Church history; Inquisition; Liberty of conscience; Martyrs; Persecution

Hermaphroditism

Hermeneutics *see* Bible — Criticism and interpretation

Hermetic art *see* Alchemy; Astrology; Occult sciences

Hermits

See also Asceticism

Heroes

See also Adventure; Courage; Discoveries and explorations; Explorers; Martyrs; Missionaries; Mythology; Saints

Heroines *see* Heroes

Heroism *see* Courage; Heroes

Herpetology *see* Reptiles

Herrnhuters *see* Moravians

Hertzian waves *see* Electric waves

Hessian flies

Hessians in the American revolution *see* U. S. — History — Revolution — German troops

Hexateuch *see* Bible — Old Testament — Hexateuch

Refer from Classicism; Greek culture (s); Greek civilization (s); Greek literature; Humanism

Refer from Arms and armor; Headgear

Refer from Bugs (s); Chinch bugs; Cicadas; Insects; Plant lice; Scale insects

Refer from Bleeding (s); Blood; Pathology; Wounds

Refer from Fibers; Hashish; Linen; Rope; Yarn

Refer from Archaeology; Arms, Coats of (s); Biography; Chivalry; Coats of arms (s); Crests (s); Decorations of honor; Devices; Genealogy; History; Knights and knighthood; Mottoes; Nobility (s); Pedigrees (s); Peerage; Titles of honor and nobility

Refer from Ancestry (s); Atavism (s); Biology; Breeding; Children; Crime and criminals; Degeneration; Descent (s); Environment; Eugenics; Evolution; Inheritance (biology) (s); Man; Natural selection; Parents; Physical deterioration; Physiology; Psychology; Transmission (biology) (s); Variation (biology); Zoology

Refer from Church history; Liberty of conscience; Theology

Refer from Biology; Sex

Refer from Asceticism; Biography; Christian biography; Monks (s); Solitude

Refer from Adventure; Biography; Courage; Heroines (s); Heroism (s); History

Refer from Diptera; Flies; Insects, Injurious and beneficial; Wheat

Hibernation

See also Animals — Habits and behavior

Hides and skins

See also Fur; Leather; Tanning

Hieroglyphics

See also Alphabet; Egyptian language; Inscriptions; Picture writing; Rosetta stone

High buildings

See also Elevators; Steel construction

High license *see* Liquor laws; Liquor traffic

High school athletics *see* School athletics

High school fraternities *see* Fraternities, High school

High schools

See also College entrance requirements; Commencements; Education, Secondary; Fraternities, High school; School athletics

High speed *see* Speed

High treason *see* Treason

Higher criticism *see* Bible — Criticism and interpretation

Higher education *see* Classical education; College education, Value of; Colleges and universities; Professional education; Technical education

Higher thought (new thought) *see* New thought

Highlands of Scotland

See also Clans; Tartans

Highwaymen *see* Brigands and robbers

Highways *see* Roads; Streets

Hindoos *see* Hindus

Hindoostanee language *see* Hindustani language

Hindu literature

See also Oriental literature; Sanskrit literature; Vedas

Hindu philosophy *see* Philosophy, Hindu

Hinduism

See also Brahmanism; Buddhism; Caste; India — Religion; Jains; Philosophy, Hindu; Vedanta; Vedas; Yoga

Hindus

See also Aryans

Hindustani language

See also Indo-Aryan languages

Hippodrome *see* Circus

Hippology *see* Horse

Histochemistry *see* Physiological chemistry

Histology

See also Anatomy; Botany, Structural; Cells; Microscope and microscopy; *also* names of organs and tissues, e.g. Muscles

Historians

See also Archaeologists; Authors

Historic houses

See also Preservation of landmarks, scenery, etc.; *also* names of countries and cities, subhead Historic houses, etc.

Refer from Animals — Habits and behavior

Refer from Animal products; Fur; Leather; Skins (s); Tanning

Refer from Alphabet; Egyptian language; Inscriptions; Language; Picture writing; Writing

Refer from Architecture; Sky-scrapers (s); Skyscrapers (s); Steel construction; Tall buildings (s)

Refer from Education; Education, Secondary; Public schools; Schools; Secondary schools (s)

Refer from Clans; Scotland; Scottish highlands (s)

Refer from Oriental literature; Sanskrit literature

Refer from Brahmanism; Buddhism; India — Religion; Religions; Yoga

Refer from Aryans; Ethnology — India; Hindoos (s); India

Refer from Hindoostanee language (s); Indo-Aryan languages

Refer from Anatomy; Cells; Medicine; Microscope and microscopy; - Microscopic anatomy (s); Morphology; Pathology; Tissues (s)

Refer from Archaeologists; Authors; Biography; History

Refer from History; Houses, Historic (s); Preservation of landmarks, scenery, etc.

Historic materialism *see* Economic determinism

Historic trees *see* Trees, Historic

Historical atlases

See also Geography, Historical

Historical dictionaries *see* History — Dictionaries

Historical fiction [for works about historical fiction]

For historical novels *see* subhead History.

— Fiction (or History — [period subdivision] — Fiction) under names of countries, cities, etc., and subhead Fiction under names of historical events and characters

Historical geography *see* Geography, Historical

Historical societies

See also Antiquarian societies

History

See also Anthropogeography; Anthropology; Archaeology; Autobiography; Battles; Biography; Boundaries; Chronology, Historical; Church history; Civilization; Colonies and colonization; Conspiracies; Constitutional history; Crusades; Diplomacy; Disasters; Discoveries and explorations; Ethnology; Famines; Finance; Floods; Genealogy; Geography, Historical; Government; Heraldry; Heroes; Historians; Historic houses; Historical atlases; Historical fiction; Historical societies; International relations; Kings and rulers; Man; Massacres; Medals; Middle ages — History; Migration of nations; Military history; Naval history; Numismatics; Progress; Race problems; Revolutions; Riots; Sieges; Slavery; Sociology; Statistics; Treaties; Trees, Historic; *also* names of countries, etc., subheads Antiquities, Foreign relations, History, and Politics. For the history of a special subject *see* its name

— **Ancient**

See also Archaeology; Bible — History; Civilization, Ancient; Classical dictionaries; Geography, Ancient; Inscriptions; Numismatics; Seven wonders of the world; *also* names of ancient races and peoples, and names of countries of antiquity

— **Comic**, *see* Comic histories

— **Constitutional**, *see* Constitutional history

— **Dictionaries**

— **Essays, addresses, etc.**

— **Medieval**, *see* Middle ages — History

— **Military**, *see* Military history

— **Modern**

See also Eastern question; Eighteenth century; Europe — History — 1492-1789; Europe — History — 1789-; Fifteenth century; Holy alliance; Nineteenth century; Reformation; Renaissance; Seventeenth century; Sixteenth century; Twentieth century

— **Natural**, *see* Natural history

— **Naval**, *see* Naval history

— **Philosophy**

See also Civilization; Economic determinism

Refer from Atlases; Geography, Historical; History

Refer from Fiction; Fiction, Historical (s); History

Refer from Antiquarian societies; History; Societies

Refer from Annals (s); Archaeology; Biography; Christendom (s); Chronology, Historical; Civilization; Man; Military history; Naval history; Science

Refer from Ancient history (s); Archaeology

Refer from Historical dictionaries (s)

Refer from Eighteenth century; Europe — History — 1492-1789; Europe — History — 1789-; Modern history (s); Nineteenth century; Seventeenth century; Sixteenth century

Refer from Civilization; Philosophy; Philosophy of history (s)

History — Continued

— **Sources**

See also Archives; Charters; Diplomatic memoirs; Genealogy; Manuscripts

— **Universal**

Histrionics *see* Acting; Theater

Hittites

Hoaxes *see* Imposture

Hockey

See also Winter sports

Hog *see* Swine

Hogs *see* Swine

Hoisting machinery

See also Conveying machinery; Cranes, derricks, etc.; Electromagnets; Elevators; Mining machinery; Rope

Holidays

See also Anniversaries; Arbor day; Bird day; Christmas; Fasts and feasts; Festivals; Flag day; Fourth of July; Memorial day; New Year; Patriots' day; Thanksgiving day; Vacations

Holiness *see* Sanctification

Holy alliance

See also Europe — History — 1789–; Intervention

Holy days *see* Fasts and feasts

Holy eastern church *see* Greek church

Holy Ghost *see* Holy Spirit

Holy grail *see* Grail

Holy office *see* Inquisition

Holy Roman empire

See also Germany — History; Middle ages — History

Holy Scriptures *see* Bible

Holy See *see* Catholic church; Popes

Holy sepulcher

See also Jerusalem

Holy Spirit

See also Trinity

Holy week

See also Christian year; Easter; Fasts and feasts; Good Friday; Lent

Holy wells

See also Shrines

Home

See also Children; Family; Home economics; Marriage; Mothers; Women

Home decoration *see* House decoration

Home economics

See also Apartment houses; Breakfasts; Carving (meat, etc.); Chemistry, Household; Cleanliness; Cookery; Cooperative house-keeping; Cost of living; Dairying; Diet; Dinners and dining; Domestic arts; Dress-making; Electricity in the home; Entertaining; Family; Fancy work; Fireless cookers; Food; Fuel; Furniture; Gardening; Guests; Heating; Home; House cleaning; House

Refer from Universal history (s)

Refer from Bible — Ethnology

Refer from Bandy (s); Games; Ice hockey (s); Winter sports

Refer from Conveying machinery; Cranes, derricks, etc.; Elevators; Lifts (s); Machinery; Mining machinery

Refer from Anniversaries; Celebrations (s); Christian year; Christmas; Days; Entertainments; Fasts and feasts; Festivals; Legal holidays (s); Manners and customs; National holidays (s); Vacations

Refer from Alliance, Holy (s); Austria — History; Europe — History — 1789–; History, Modern; International relations; Intervention; Prussia — History; Russia — History; Treaties

Refer from Europe — History; German empire (Western empire) (s); Germany — History; Middle ages — History; Western empire (s)

Refer from Jerusalem; Jesus Christ; Tombs

Refer from God; Holy Ghost (s); Spirit (s); Theology; Trinity

Refer from Christian year; Fasts and feasts; Lent

Refer from Miracles; Shrines; Wells

Refer from Children; Ethics; Family; Home economics; Mothers; Women

Refer from Cookery; Domestic arts; Domestic economy (s); Domestic science (s); Economics; Family; Home; Household economics (s); Household management (s); Household science (s); Housekeeping (s); Industrial arts; Kitchen; Women

decoration; Household pests; Kitchen;
Kitchen garden (for teaching housekeeping);
Laundry; Luncheons; Marketing; Menus;
Needlework; Receipts; Sanitation, House-
hold; Servants; Standard of living; Sweep-
ing; Table; Ventilation

Home education

See also Children; Correspondence
schools and courses; Self-culture

Home labor

See also Sweating system

Home libraries

Home missions *see* Missions, Home

Home rule

—Ireland

See also Fenians (society); Ireland —
Government

Home training *see* Children — Management;
Home education

Homeopathy

See also Medicine, and references under
that subject

Homes (institutions) *see* Almshouses; Asylums;
Charities; Homes for the aged; *also* names
of cities, subheads Hospitals and asylums,
and Charities; and special classes of people,
e.g. Blind — Asylums and education; Or-
phans and orphan asylums, Soldiers' homes

Homes for the aged

See also Soldiers' homes

Homestead law

Homicide *see* Murder

Homiletical illustrations *see* Anecdotes, Re-
ligious

Homiletics *see* Preaching; Sermons

Homilies *see* Sermons

Homing pigeons *see* Pigeons

Homoeopathy *see* Homeopathy

Honesty

See also Business ethics; Sincerity

Honey

See also Bees

Honor

See also Business ethics; Dueling

Honor system *see* Self-government (in educa-
tion)

Honorary degrees *see* Degrees, Academic

Honorary titles *see* Titles of honor and
nobility

Hoods, Academic, *see* Costume, Academic

Hookworm disease

Hornbooks

Horns

Horology *see* Clocks and watches; Timekeepers

Horoscopes *see* Astrology

Refer from Children; Children — Educa-
tion (s); Domestic education (s); Education;
Education, Elementary; Education of chil-
dren (s); Family; Home training (s); Parents

Refer from Industry; Labor and laboring
classes; Sweating system; Women — Employ-
ment

Refer from Libraries; Libraries, Home (s)

Refer from Government; Local government;
Self-government (s)

Refer from Fenians (society); Ireland —
Government

Refer from Homoeopathy (s); Medicine;
Pharmacy; Therapeutics

Refer from Aged poor (s); Asylums; Homes
(institutions) (s); Old age; Old age homes (s);
Old ladies' homes (s); Poor

Refer from Land tenure — U. S.; U. S. —
Public lands

Refer from Business ethics; Conduct of life;
Dishonesty (s); Ethics; Sincerity; Truth

Refer from Bees

Refer from Business ethics; Chivalry;
Dueling; Ethics

Refer from Medicine — Practice; Parasites

Refer from Literature; Primers

Refer from Antlers (s); Cattle; Cows;
Dehorning of cattle (s); Zoology

Horse

See also Barns and stables; Checkreins; Domestic animals; Driving; Harness; Horse racing; Horse training; Horsemanship; Horseshoeing; Live stock; Pack transportation; Ungulata; Veterinary medicine

Horse-breaking *see* Horse training

Horse racing

Refer from Barns and stables; Cavalry; Cavalry drill and tactics; Domestic animals; Driving; Farriery (s); Hippology (s); Horses (s); Live stock; Pacing (s); Pedigrees (s); Race horses (s); Trotting (s); Ungulata; Veterinary medicine

Horse railroads *see* Street railroads

Horse training

See also Horsemanship

Horseless carriages *see* Automobiles

Horsemanship

See also Coaches and coaching; Driving; Hunting; Polo

Horses *see* Horse

Horseshoeing

See also Blacksmithing

Horticulture *see* Floriculture; Fruit culture; Gardening

Hosiery

Refer from Book-making (betting) (s); Book-making (betting) (s); Gambling; Horse; Pacing (s); Race horses (s); Racing (s); Sports; Steeplechasing (s); Trotting (s); Turf, The (s)

Refer from Animals—Training; Horse; Horse-breaking (s); Training

Refer from Driving; Equestrianism (s); Horse; Horse training; Locomotion; Riding (s); Sports

Refer from Blacksmithing; Farriery (s); Horse

Refer from Clothing; Costume; Dry goods; Foot; Stockings (s); Textile industry and fabrics; Underwear

Refer from Guests

Hospitality

See also Entertaining; Guests

Hospitallers *see* Malta, Knights of

Hospitals

See also Ambulances; Asylums; Charities; Convalescent homes; Dispensaries; First aid in illness and injury; Hospitals, Military; Hospitals, Naval and marine; Inebriate asylums; Insane hospitals; Nurses and nursing; Sanatoriums; *also* names of cities and countries, subhead Hospitals and asylums

—Military

See also Battlefield relief; Red cross; *also* names of wars, subhead Medical and sanitary affairs

—Naval and marine

Refer from Architecture; Asylums; Charities; Charities, Medical; Dispensaries; Hygiene, Public; Infirmarys (s); Institutions, Charitable and philanthropic (s); Medicine; Nurses and nursing

Refer from Battlefield relief; Field hospitals (s); Hospitals; Military art and science; Military hospitals (s)

Refer from Hospitals; Marine hospitals (s); Naval hospitals (s)

Hot-air engines *see* Air engines

Hot springs *see* Geysers and hot springs

Hot water heating

Refer from Heating; Steam heating; Water heating (s)

Hotels

See also Apartment houses; Coffeehouses; Inns; Lodging houses; Restaurants

Hothouses *see* Greenhouses

Hottentots

See also Bushmen

Hours of labor

See also Child labor; Daylight saving; Women—Employment; Sweating system

Refer from Architecture; Inns; Lodging houses; Restaurants; Taverns (s)

Refer from Ethnology—Africa

Refer from Child labor; Eight-hour day (s); Factory laws; Factory system; Industrial betterment; Labor and laboring classes; Labor laws; Ten-hour day (s); Working-day (s)

Refer from Boats and boating; Houseboats (s); Outdoor life

House boats

House cleaning

See also Dust; Sweeping; Vacuum cleaning systems

House decoration

See also Bric-a-brac; Candlesticks; Carpets; Decoration and ornament; Drapery; Fancy work; Fireplaces; Floral decoration; Furniture; Grilles; Lattice; Mantels; Mural painting and decoration; Picture frames; Pictures; Rugs; School decoration; Tapestry; Upholstery; Wall paper; Wood finishing; Woodwork

House drainage *see* Plumbing; Sanitation, Household; Sewerage

House flies *see* Flies

House painting

See also Frescoes; Mural painting and decoration; Painting, Mechanical

House plans *see* Architectural drawing; Architecture, Domestic

House plants *see* Floriculture; Plants, Cultivated; Window gardening

House rent *see* Rent

House sanitation *see* Sanitation, Household

Houseboats *see* House boats

Household arts *see* Domestic arts

Household chemistry *see* Chemistry, Household

Household decoration *see* House decoration

Household economics *see* Home economics

Household expenses *see* Cost of living

Household management *see* Home economics

Household pests

See also Flies; Insects, Injurious and beneficial; Mice; Mosquitoes; Rats

Household sanitation *see* Sanitation, Household

Household science *see* Home economics

Housekeeping *see* Cooperative housekeeping; Home economics

Housemaids *see* Servants

Houses *see* Architecture, Domestic; House decoration

Houses, Historic, *see* Historic houses

Housing problem

See also Apartment houses; Cities — Planning and laying out; Garden cities; Industrial betterment; Lodging houses; Sanitation, Household; Tenement houses

Hucksters *see* Peddlers and peddling

Hudson Bay company

See also Fur trade

Huguenots

See also Camisards; France — Religious history; Reformation — France; St. Bartholomew's day, Massacre of; Waldenses

Human anatomy *see* Anatomy

Human body *see* Anatomy; Anthropometry; Physiology

Refer from Cleaning; Dust; Home economics; Sanitation, Household

Refer from Architecture, Domestic; Art; Carpets; Decoration and ornament; Furniture; Home decoration (s); Home economics; Household decoration (s); Houses (s); Interior decoration (s); Rugs; Upholstery

Refer from Architecture; Architecture, Domestic; Building; Mural painting and decoration; Painting, Mechanical

Refer from Home economics; Insects, Injurious and beneficial; Pests (s)

Refer from Architecture, Domestic; Cities; Cities — Planning and laying out; Dwellings (s); Habitations, Human (s); Hygiene, Public; Industrial betterment; Labor and laboring classes; Laborer's dwellings (s); Municipal improvement; Poor; Social problems; Tenement houses; Workingmen's dwellings (s)

Refer from Canada — Commerce; Fur trade; Trading companies

Refer from Camisards; Church history; France — History — House of Valois; France — Religious history; Persecution; Reformation — France; St. Bartholomew's day, Massacre of; Sects; Waldenses

Human faculties *see* Psychology

Human figure in art *see* Anatomy, Artistic;
Figure drawing; Figure painting; Nude in
art

Human race *see* Anthropology; Man

Human sacrifice *see* Sacrifice

Humane societies

See also Animals — Treatment; Charitable societies; Children — Charities, protection, etc.

Humanism

See also Classical education; Hellenism; Renaissance

Humanitarianism (theology) *see* Unitarianism;
also Arianism; Jesus Christ — Divinity;
Socinianism; Trinity

Humanities *see* Classical education

Humbug *see* Imposture; Swindlers and swindling

Humidity

See also Dampness in buildings; Dew; Hygrometry; Meteorology

Humor

See also Anecdotes; Burlesques; Caricature and cartoons; Comedy; Comic histories; Epigrams; Fools; Humorists; Irony; Laughter; Limericks; Macaronic verse; Nonsense verse; Parodies; Punning; Recitations and readings, Humorous; Satire; Table-talk

—American

See also American literature; Satire, American

—English

See also English literature; Satire, English

Humorists

See also Authors

Humorous recitations *see* Recitations and readings, Humorous

Hundred years' war, 1339-1453

See also Agincourt, Battle of; England — History — Plantagenets; England — History — Lancaster and York; France — History — House of Valois

Hungarian language

See also Ural-Altaic languages

Hungarian literature

Hungarians in the U. S.

Huns

See also Barbarian invasions of Rome

Hunting

See also Bears; Coursing; Deer; Dogs; Elephants; Falconry; Fishing; Foxes; Game; Game birds; Game laws; Game protection; Guns; Lions; Poaching; Shooting; Sports; Tigers; Tracking; Trapping

Hurricanes

See also Cyclones; Storms

Husband and wife *see* Domestic relations;

Husbands; Marriage; Wives

Husbandry *see* Agriculture

Refer from Animals — Treatment; Charitable societies; Children — Charities, protection, etc.; Societies

Refer from Classical education; Culture, Literature; Philosophy; Renaissance

Refer from Air; Dew; Hygiene; Meteorology; Moisture of the air (s)

Refer from Anecdotes; Caricature and cartoons; Comic literature (s); Facetiæ (s); Jests (s); Jokes (s); Laughter; Literature; Poetry; Punning; Satire; Wit and humor (s)

Refer from American humor (s); American literature; American wit and humor (s)

Refer from English humor (s); English literature; English wit and humor (s)

Refer from Authors; Biography; Humor

Refer from Agincourt, Battle of; England — History — Plantagenets; England — History — Lancaster and York; France — History — House of Valois

Refer from Magyar language (s); Ural-Altaic languages

Refer from Magyar literature (s)

Refer from U. S. — Foreign population

Refer from Barbarian invasions of Rome

Refer from Adventure; Animals; Big game (s); Chase, The (s); Country life; Field sports (s); Game; Gunning (s); Horsemanship; Outdoor life; Shooting; Sports; Trapping

Refer from Cyclones; Meteorology; Storms; Winds

Husbands

See also Domestic relations; Family; Fathers; Marriage; Wives

Hussites

Hybridism see Hybridization

Hybridization

See also Mendel's law; Plant breeding

Hydraulic cement see Cement

Hydraulic engineering

See also Aqueducts; Artesian wells; Boring; Breakwaters; Bridges — Foundations and piers; Caissons; Canals; Cofferdams; Culverts; Dams; Docks; Drainage; Dredging; Embankments; Engineering; Floods; Fluids; Fountains; Harbors; Hydraulic machinery; Hydraulic mining; Hydraulics; Hydrodynamics; Hydro-electric plants; Irrigation; Jetties; Lighthouses; Mining engineering; Pumping stations; Pumps; Reclamation of land; Reservoirs; Rivers; Sea walls; Turbines; Water; Water power; Water supply; Water wheels; Wells; Wharves

Hydraulic machinery

See also Hydraulic engineering; Hydraulic motors; Hydraulic rams; Pumps; Turbines; Water wheels

Hydraulic mining

See also Gold dredging; Gold mines and mining; Mines and mineral resources

Hydraulic motors

See also Hydraulic machinery; Turbines; Water wheels

Hydraulic power see Hydraulic machinery; Hydro-electric plants; Water power

Hydraulic rams

See also Hydraulic machinery

Hydraulics

See also Fluids; Hydraulic engineering; Hydraulic machinery; Hydrodynamics; Hydrometer; Hydrostatics; Jets; Liquids; Mechanics; Physics; Rivers; Water; Water power

Hydrodynamics

See also Hydraulic engineering; Hydraulics; Hydrostatics; Jets; Mechanics; Viscosity; Waves

Hydro-electric plants

See also Electric power transmission

Hydrography

See also Charts; Harbors; Inland navigation; Navigation; Ocean; Ocean currents; Rivers; Sounding and soundings; Tides

Hydrokinetics see Hydrodynamics

Refer from Domestic relations; Family; Husband and wife (s); Marriage; Men; Wives

Refer from Reformation; Sects

Refer from Biology; Botany; Breeding; Heredity; Hybridism (s); Mendel's law; Plant breeding; Species

Refer from Canals; Civil engineering; Dams; Engineering; Engineering, Hydraulic (s); Fluids; Hydraulic machinery; Hydraulics; Hydrodynamics; Machinery; Mechanical engineering; Rivers; Water; Water power; Water supply

Refer from Hydraulic engineering; Hydraulic motors; Hydraulic power (s); Hydraulic rams; Hydraulics; Machinery; Water power

Refer from Gold mines and mining; Hydraulic engineering; Mines and mineral resources; Mining engineering; Placer mining (s)

Refer from Hydraulic machinery; Motore; Turbines; Water power; Water wheels

Refer from Hydraulic machinery; Rams, Hydraulic (s)

Refer from Flow of water (s); Fluids; Hydraulic engineering; Hydrodynamics; Hydromechanics (s); Hydrostatics; Jets; Mechanics; Physics; Rivers; Water; Water flow (s)

Refer from Dynamics; Fluids; Hydraulic engineering; Hydraulics; Hydrokinetics (s); Hydromechanics (s); Jets; Liquids; Mechanics; Viscosity

Refer from Electric engineering; Electric power transmission; Flumes; Hydraulic engineering; Hydraulic power (s); Power plants; Power plants, Electric; Water power; Water-power electric plants (s)

Refer from Marine surveying (s); Maritime surveying (s); Nautical surveying (s); Navigation; Ocean; Oceanography (s); Physical geography; Rivers; Surveying; Thalassography (s)

Hydrology *see* Water; Water, Underground
Hydromechanics *see* Hydraulics; Hydrodynamics

Hydrometer

Hydropathy *see* Hydrotherapy

Hydrophobia

See also Dogs; Pasteurism

Hydrostatics

See also Capillarity; Compressibility; Fluids; Hydraulics; Hydrometer; Mechanics; Physics; Specific gravity; Water

Hydrotherapy

See also Baths and bathing; Mineral waters

Hygiene

See also Air pollution; Alcohol — Physiological effects; Baths and bathing; Beauty, Personal; Bible — Medicine, hygiene, etc.; Children — Care and hygiene; Cleanliness; Climate; Clothing; Diet; Disinfection and disinfectants; Dress reform; Dust; Exercise; Fatigue; Food; Food adulteration and inspection; Gymnastics; Health resorts; Humidity; Hygiene, Public; Invalids; Longevity; Medical inspection of schools; Medicine; Mental hygiene; Military hygiene; Mind and body; Narcotic habit; Narcotics; Naval hygiene; Nurses and nursing; Occupations — Diseases and hygiene; Open-air schools; Overwork; Pathology; Physical education; Physiology; Rest; Sanitation; School hygiene; Sleep; Stimulants; Temperance; Therapeutics; Tobacco — Physiological effects; Training; Tropics — Diseases and hygiene; Vacations; Ventilation; Voice; Water pollution; Women — Hygiene; Work

— Domestic, *see* Sanitation, Household

— Industrial, *see* Occupations — Diseases and hygiene

— Mental, *see* Mental hygiene

— Military, *see* Military hygiene

— Naval, *see* Naval hygiene

— Public

See also Adulterations; Building laws; Burial; Cemeteries; Consumers' leagues; Contagion and contagious diseases; Cremation; Disinfection and disinfectants; Epidemics; Food adulteration and inspection; Health boards; Hospitals; Housing problem; Immunity; Inoculation; Insects as carriers of contagion; Malaria; Meat inspection; Medical inspection of schools; Military hygiene; Milk supply; Nuisances; Occupations — Diseases and hygiene; Public comfort stations; Quarantine; Refuse and refuse disposal; Sanitary engineering; Sanitation; School hygiene; Sewage; Slaughtering and slaughterhouses; Street cleaning; Tenement houses; Vaccination; Water pollution; Water supply; *also* names of countries and states, subhead Sanitary affairs, and names of

Refer from Areometer (s); Hydraulics; Hydrostatics; Specific gravity

Refer from Dogs; Medicine — Practice; Rabies (s)

Refer from Capillarity; Fluids; Hydraulics; Hydrodynamics; Liquids; Mechanics; Physics; Statics; Water

Refer from Baths and bathing; Hydropathy (s); Kneipp cure (s); Therapeutics; Water cure (s)

Refer from Biology; Food; Health (s); Life; Man; Medicine; Pathology; Physiology; Sanitary science (s); Sanitation; Women — Hygiene

Refer from Health boards; Hygiene; Medicine; Municipal improvement; Public health (s); Quarantine; Sanitary affairs (s); Sanitary engineering; Sanitation; Social problems

Hygiene — Continued
cities, subheads Sanitary affairs and
Sewerage
— Tropical, *see* Tropics — Diseases and
hygiene

Hygiene of employment *see* Occupations —
Diseases and hygiene

Hygrometry

Refer from Air; Humidity; Meteorology;
Psychrometer (s)

Hymenoptera

See also Ants; Bees; Insects; Wasps

Hymnology *see* Hymns

Hymns

See also Church music; Religious poetry

Refer from Ants; Bees; Insects; Wasps

Refer from Anthems; Chants; Church music;
Devotional exercises; Hymnology (s); Litera-
ture; Liturgies; Lyric poetry; Music; Poetry;
Psalmody (s); Religion; Religious poetry;
Rites and ceremonies; Sacred poetry (s);
Songs; Worship

Hyperspace *see* Fourth dimension

Hypnotism

See also Animal magnetism; Mental
healing; Mind and body; Psychical research;
Somnambulism; Subconsciousness; Sug-
gestion; Suggestive therapeutics

Refer from Animal magnetism; Braidism (s);
Clairvoyance; Mental healing; Mental sug-
gestion (s); Mesmerism (s); Mind and body;
Mind reading; Psychical research; Psychology;
Sleep; Somnambulism; Subconsciousness; Sug-
gestion; Suggestive therapeutics

Hypsometry *see* Altitudes

Hysteria

See also Mental diseases; Nervous system
— Diseases

Refer from Medicine — Practice; Mental
diseases; Nervous system — Diseases; Psy-
chical research; Psychology; Women — Dis-
eases

Ice

See also Arctic regions; Glaciers; Ice
boats; Ice-breaking vessels; Icebergs; Re-
frigeration and refrigerating machinery;
Skating; Water

— **Manufacture**

See also Refrigeration and refrigerating
machinery

Refer from Freezing (s); Frost; Glaciers;
Meteorology; Physical geography; Refrigera-
tion and refrigerating machinery; Snow;
Water

Refer from Artificial ice (s); Ice machin-
ery (s); Ice making (s); Refrigeration and
refrigerating machinery

Ice age *see* Glacial period

Ice boats

See also Winter sports

Refer from Boats and boating; Ice; Ice
yachts (s); Sports; Winter sports

Refer from Ice; Icebreaking vessels (s);
Ships

Ice-breaking vessels

Ice cream *see* Ices

Ice hockey *see* Hockey

Ice machinery *see* Ice — Manufacture; Re-
frigeration and refrigerating machinery

Ice making *see* Ice — Manufacture

Ice sports *see* Winter sports

Ice yachts *see* Ice boats

Icebergs

See also Arctic regions; Physical geography

Refer from Arctic regions; Glaciers; Ice;
Ocean; Physical geography

Icebreaking vessels *see* Ice-breaking vessels

Icelandic language

See also Scandinavian languages

Refer from Germanic languages; Scandi-
navian languages

Icelandic literature

See also Eddas; Sagas; Scandinavian
literature

Refer from Eddas; Norse literature (s);
Sagas; Scandinavian literature

Ices

Refer from Confectionery; Desserts; Ice
cream (s)

Ichtnology *see* Footprints, Fossil

Ichthyology *see* Fish

Iconography *see* Art; Christian art and symbolism; Portraits; Saints in art; Sculpture; Statues

Ideal states *see* Utopias

Idealism

See also Ideals; Realism; Transcendentalism

Idealism in art

See also Naturalism in art; Realism in art; Romanticism

Idealism in literature

See also Naturalism in literature; Realism in literature; Romanticism; Symbolism in literature

Ideals

See also Idealism

Ideas, Association of, *see* Association of ideas

Identification

See also Anthropometry; Bertillon system; Crime and criminals; Evidence; Finger prints

Identity, Personal, *see* Personality

Idiocy

See also Children, Abnormal and backward; Defectives; Epilepsy; Feeble-minded; Insanity

Idioms

See also Idioms, English; *also* names of languages other than English, e.g. German language — Idioms

—English

See also Americanisms; Briticisms

Idiots *see* Idiocy

Idleness

Ido

Idolatry

See also Fetishism; Paganism; Superstition; Worship

Igneous rocks

See also Dikes (geology); Granite; Lava; Rocks

Ignorance *see* Illiteracy

Illegitimacy

See also Infanticide

Illiteracy

See also Education and citizenship; Education and crime

Illuminating gas *see* Gas

Illumination *see* Lighting

Illumination of manuscripts and books

See also Arts and crafts; Initials; Lettering; Missals; Paleography

Refer from Animism; Ideals; Philosophy; Realism

Refer from Art; Esthetics; Naturalism in art; Painting; Realism in art

Refer from Esthetics; Fiction; Literature; Naturalism in literature; Realism in literature

Refer from Aspiration (s); Character; Ethics; Idealism

Refer from Anthropometry; Bertillon system; Crime and criminals; Evidence; Finger prints; Medical jurisprudence

Refer from Brain; Children, Abnormal and backward; Consanguinity; Defectives; Feeble-minded; Fools; Idiots (s); Imbecility (s); Insanity; Medicine — Practice; Mental diseases

Refer from Language

Refer from English idioms (s); English language; English language — Idioms (s); Idioms

Refer from Conduct of life; Indolence (s); Laziness (s); Sloth (s)

Refer from Language, Artificial

Refer from Fetishism; God; Image worship (s); Paganism; Religion; Religions; Worship

Refer from Dikes (geology); Eruptive rocks (s); Geology; Lava; Rocks; Volcanic rocks (s); Volcanoes

Refer from Children; Infanticide; Marriage; Prostitution; Sexual ethics

Refer from Compulsory education; Education; Education and citizenship; Education and crime; Ignorance (s); Immigration and emigration

Refer from Arts and crafts; Books; Decoration and ornament; Illustration of books; Initials; Lettering; Manuscripts; Ornamental alphabets (s); Painting; Paleography

Illusions and hallucinations

See also Apparitions; Conjuring; Ghosts; Insanity; Magic; Mental diseases; Optical illusions; Psychical research

Refer from Apparitions; Delusions (s); Ghosts; Hallucinations (s); Insanity; Mental diseases; Psychical research; Psychology; Visions (s)

Illustration of books

See also Caricature and cartoons; Drawing; Engraving; Extra illustration; Illumination of manuscripts and books; Illustrators; Photo-engraving; Photomechanical processes

Refer from Art; Book illustration (s); Books; Decoration and ornament; Drawing; Engraving

Illustrations (anecdotes) *see* Anecdotes

Illustrators

Image worship *see* Idolatry

Imaginary animals *see* Animal lore; Animals, Mythical

Imaginary islands *see* Geographical myths

Imaginary wars and battles

Refer from Artists; Illustration of books

Imagination

See also Psychology

Refer from Battles; Military art and science; War; Wars, Imaginary (s)

Imbecility *see* Feeble-minded; Idiocy

Imitation

See also Mimicry

Refer from Fancy (s); Intellect; Psychology; Psychology, Educational

Refer from Mimicry; Psychology; Psychology, Educational

Immaculate conception

See also Mary, Virgin

Immersion, Baptismal, *see* Baptism

Immigrants *see* Immigration and emigration

Immigration and emigration

See also Aliens; Anthropogeography; Colonies and colonization; Illiteracy; Migration of nations; Naturalization; *also* names of special nationalities, e.g. Italians in the U. S., Japanese in California; and names of countries and cities, subhead Foreign population

Refer from Colonies and colonization; Emigration (s); Government; Immigrants (s); Labor and laboring classes; Migration of nations; Race problems; Social problems; Sociology

— U. S.

See also Indentured servants; Race problems — U. S.; Redemptioners; U. S. — Foreign population; *also* Japanese in the U. S., and similar headings

Refer from Race problems — U. S.; U. S. — Economic conditions; U. S. — Emigration and immigration (s); U. S. — Immigration (s); U. S. — Social conditions

Immoral literature *see* Literature, Immoral

Immorality *see* Crime and criminals; Ethics; Vice

Immortality *see* Future life

Immunity

See also Antitoxins; Contagion and contagious diseases; Inoculation; Serum therapy; Vaccination

Refer from Antitoxins; Bacteriology; Contagion and contagious diseases; Hygiene, Public; Inoculation; Pathology; Serum therapy; Vaccination

Impeachment

See also Political offenses; Recall

Imperial federation

See also England — Colonies; Imperialism

Refer from Government; Law; Trials

Refer from England — Colonies; Federation, Imperial (s); Government; Imperialism

Imperialism

See also Colonies and colonization; Imperial federation; U. S. — Insular possessions

Refer from Anti-imperialism (s); Caesarism (s); Colonies and colonization; Government; Imperial federation; U. S. — Expansion (s); U. S. — History — War with Spain; U. S. — Insular possessions; U. S. — Territorial expansion (s)

Impersonation *see* Acting; Monologues

Implements, utensils, etc.

See also Bone implements; Farm implements and machinery; Indians—Implements and weapons; Stone implements; Tools

Imports *see* Commerce; Tariff

Imposture

See also Antiques, Forged; Art forgeries; Counterfeits; Forgery; Fraud; Literary forgeries and mystifications; Quacks and quackery; Swindlers and swindling

Impressionism (art)

Impressment

Imprisonment *see* Arrest; Prisons

Inaugurations

Incandescent gas-lighting

See also Gas lighting

Incandescent lamps *see* Electric lamps

Incandescent lighting *see* Electric lighting;

Incandescent gas-lighting

Incandescent mantles *see* Incandescent gas-lighting

Incarnation

See also Jesus Christ

Incas

See also Indians of South America — Peru; Peru — Antiquities; Peru — History

Incense

Income

See also Capital; Finance; Salaries; Wages; Wealth

Income tax

See also Taxation; Taxation, Progressive

Increment, Unearned, *see* Unearned increment

Incrustation *see* Inlay

Incubators

See also Poultry

Incubus *see* Nightmare

Incumbrances *see* Liens; Mortgages

Incunabula

See also Block books; Book rarities; Colophons; Printers' marks; Printing — History

Indemnity

See also Damages

Indentured servants

See also Apprentices; Contract labor; Redemptioners

Independence day *see* Fourth of July

Independent order of Odd Fellows *see* Odd Fellows

Independents (church polity) *see* Congregationalism

Independents (in politics)

Refer from Industrial arts; Tools; Utensils (s)

Refer from Adventurers (s); Counterfeits; Delusions (s); Fraud; Hoaxes (s); Humbug (s); Quacks and quackery

Refer from Art; Esthetics; Painting
Refer from International law; Kidnapping; Maritime law; Naval history; Sailors

Refer from Presidents — U. S.; Rites and ceremonies

Refer from Gas; Gas lighting; Gas mantles (s); Incandescent lighting (s); Incandescent mantles (s); Lighting

Refer from Jesus Christ; Jesus Christ — Birth; Jesus Christ — Incarnation (s); Theology

Refer from Ethnology — Peru; Indians of South America — Peru; Peru — Antiquities; Peru — History

Refer from Odors; Perfumery; Worship

Refer from Economics; Finance; Fortunes (s); Property; Salaries; Wages; Wealth

Refer from Direct taxation (s); Taxation; Taxation, Progressive

Refer from Poultry

Refer from Bibliography; Book rarities; Printing

Refer from Compensation (s); Damages; International law

Refer from Bond servants (s); Contract labor; Immigration and emigration — U. S.; Redemptioners; Servants; Slavery; U. S. — History — Colonial period

Refer from Political parties; Politics

Indeterminate sentence

See also Parole; Prisons; Probation system

Indeterminism *see* Freedom of the will

Indexes

See also Card system in business; Catalogs; Indexing; Periodicals — Indexes; *also* subjects indexed

Indexing

See also Cataloging

India-rubber *see* Rubber

Indian clubs

See also Gymnastics

Indian corn *see* Corn

Indian legends *see* Indians — Folklore; Indians — Legends

Indian mutiny, 1857-1858

Indian reservations *see* Indians — Reservations

Indian trails

See also Oregon trail; Portages; Salt Lake trail; Santa Fe trail

Indian tribes *see* names of separate tribes

Indian wars *see* Indians — Wars

Indians [Indians of America, North America and the U. S. in general]

See also Cliff dwellers and cliff dwellings; Eskimos; Mounds and mound builders; Pueblos; Scalping; Shell money; Wampum; Western states; *also* names of families and tribes of Indians, e.g. Algonquian Indians, Apache Indians, Iroquois Indians, Pueblo Indians

—Amusements, *see* Indians — Games

—Anecdotes

—Antiquities

See also Arrowheads; Indians — Implements and weapons; Indians — Pottery; Kitchen middens; Mounds and mound builders; Pueblos; U. S. — Antiquities

—Art

—Biography

—Burial, *see* Indians — Mortuary customs

—Captivities

—Civilization

—Customs, *see* Indians — Social life and customs

—Dances

See also Ghost dance; Snake dance; Sun dance

—Education

See also Indians — Government relations; *also* names of schools for the Indians

—Ethnology

See also Indians — Origin

—Fiction

—Folklore

See also Indians — Legends

Refer from Crime and criminals; Criminal law; Prisons; Punishment; Sentence, Indeterminate (s)

Refer from Bibliography; Catalogs; Indices (s); Literature

Refer from Bibliography; Cataloging; Indexes

Refer from Gymnastics; Physical education

Refer from India — History; Sepoy rebellion (s)

Refer from Indians — Trails (s); Portages; Roads; Roads — U. S.; Trails (s)

Refer from American aborigines (s); American Indians (s); Amerinds (s); Ethnology; Ethnology — U. S.; North American Indians (s); Race problems — U. S.; Savages; U. S. — Indians (s); Western states

Refer from Anecdotes

Refer from Archaeology; Arrowheads; Indians — Industries; Mounds and mound builders; U. S. — Antiquities

Refer from Art; Art, Primitive

Refer from Biography

Refer from Captivity among the Indians (s); Frontier and pioneer life

Refer from Dancing; Ghost dance; Indians — Religion; Indians — Social life and customs; Snake dance; Sun dance

Refer from Education; Indians — Missions; Indians — Schools (s)

Refer from Ethnology — U. S.; Indians — Origin

Refer from Folklore — Indians (s); Indian legends (s); Indians — Legends; Indians — Mythology (s)

Indians — Continued

—Games

Refer from Games; Indians — Amusements (s); Indians — Social life and customs; Indians — Sports (s)

—Government relations

See also Indians — Land transfers; Indians — Reservations; Indians — Treaties; Indians — Treatment

Refer from Indians — Education; Indians — Land transfers; Indians — Treaties; Indians — Treatment

—History

See also Indians — Wars

—Implements and weapons

See also Bone implements; Stone implements

Refer from Arms and armor; Bone implements; Implements, utensils, etc.; Indians — Antiquities; Indians — Industries; Indians — Weapons (s); Stone implements; Tools; Weapons (s)

—Industries

See also Basketwork; Beadwork; Blankets; Indians — Antiquities; Indians — Implements and weapons; Indians — Pottery

Refer from Basketwork; Beadwork; Blankets; Industrial arts; Industries, Primitive

—Land transfers

See also Indians — Government relations; Indians — Treaties

Refer from Indians — Government relations; Indians — Treaties; U. S. — Public lands

—Languages

See also Algonquian languages; Chinook jargon; Eskimo language; Indians — Names

Refer from Algonquian languages; Language

—Legends

See also Indians — Folklore

Refer from Indian legends (s); Indians — Folklore; Indians — Mythology (s); Legends

—Manners and customs, *see* Indians — Social life and customs

—Medicine

See also Medicine men

Refer from Medicine; Medicine men

—Missions

See also Indians — Education; Jesuits — Missions

Refer from Catholic church — Missions; Indians — Religion; Jesuits — Missions; Missions; Missions, Home

—Mortuary customs

Refer from Funeral rites and ceremonies; Indians — Burial (s); Indians — Social life and customs; Mortuary customs (s)

—Music

Refer from Indians — Songs (s); Music; Music — Indians (s); Music — U. S.; Songs, American

—Mythology, *see* Indians — Folklore; Indians — Legends; Indians — Religion

—Names

Refer from Indians — Languages; Names; Names, Geographical; Names, Personal

—Origin

See also Indians — Ethnology

Refer from Indians — Ethnology

—Pottery

Refer from Indians — Antiquities; Indians — Industries; Pottery

—Religion

See also Fetishism; Flute ceremonies; Indians — Dances; Indians — Missions; Serpent worship; Totems and totemism

Refer from Indians — Mythology (s); Mythology — Indians (s); Religions; Rites and ceremonies

—Reservations

Refer from Indian reservations (s); Indians — Government relations; Reservations for the Indians (s); U. S. — Public lands

—Schools, *see* Indians — Education; *also* names of schools

—Social life and customs

See also Indians — Dances; Indians — Games; Indians — Mortuary customs

Refer from Indians — Customs (s); Indians — Manners and customs (s)

Indians — Continued

— Songs, *see* Indians — Music

— Sports, *see* Indians — Games

— Statistics

— Trails, *see* Indian trails

— Treaties

See also Indians — Government relations; Indians — Land transfers

— Treatment

See also Indians — Government relations

— Wars

See also Black Hawk war; French and Indian war; King Philip's war; King William's war; Pequot war; Pontiac's conspiracy; Queen Anne's war; U. S. — History — Revolution — Indian participation

— Weapons, *see* Indians — Implements and weapons

Indians of Mexico

See also Aztecs; Ethnology — Mexico; Mayas; Nagualism; Toltecs

Indians of New York

See also Iroquois Indians

Indians of South America

Indiarubber *see* Rubber

Indic languages *see* Indo-Aryan languages

Indicators for steam engines

See also Steam engines

Indices *see* Indexes

Indigestion *see* Digestion; Dyspepsia

Indigo

Individualism

See also Communism; Economics; Socialism

Individuality

See also Personality

Indo-Aryan languages

See also Aryan languages; Bengali language; Hindustani language; Oriental languages; Romany language; Sanskrit language

Indo-European languages *see* Aryan languages

Indo-Europeans *see* Aryans

Indo-Germanic languages *see* Aryan languages

Indo-Germanic peoples *see* Aryans

Indolence *see* Idleness

Inductance

Induction (logic) *see* Logic

Induction coils

See also Condensers (electricity); Electric currents, Alternating; Electric transformers; Electromagnets; Inductance; X rays

Induction motors *see* Electric motors

Indulgences

See also Absolution; Purgatory

Industrial alcohol *see* Alcohol, Denatured

Industrial arbitration *see* Arbitration and conciliation, Industrial

Refer from Indians — Government relations; Indians — Land transfers

Refer from Indians — Government relations

Refer from Black Hawk war; French and Indian war; Indian wars (s); King Philip's war; King William's war; New England — History; Pequot war; Pontiac's conspiracy; Queen Anne's war; U. S. — History; U. S. — History, Military

Refer from Aztecs; Ethnology — Mexico; Mayas; Toltecs

Refer from Itoquois Indians

Refer from Steam engines

Refer from Agricultural products; Color; Dyes and dyeing

Refer from Communism; Economics; Equality; Government; Socialism; Sociology

Refer from Character; Personality; Philosophy; Psychology

Refer from Aryan languages; Bengali language; Hindustani language; Indic languages (s); Oriental languages; Sanskrit language

Refer from Electric measurement; Electricity; Electrodynamics; Induction coils; Self-induction (s)

Refer from Electric apparatus and appliances; Electric transformers; Electricity; Electromagnets

Refer from Absolution; Catholic church; Church polity; Purgatory

Industrial arts

See also Agriculture; Architecture; Arts and crafts; Blacksmithing; Bookbinding; Brewing; Building; Business; Cabinet work; Canning and preserving; Carpentry; Chair caning; Chemical engineering; Chemistry, Technical; Clay industries; Commerce; Cookery; Domestic arts; Dyes and dyeing; Electric engineering; Engineering; Engraving; Exhibitions; Factories; Fisheries; Floriculture; Foundry work; Furniture; Gardening; Glass manufacture; Handicraft; Home economics; Implements, utensils, etc.; Indians — Industries; Industrial education; Industries, Primitive; Industry; Inventions; Machine shop practice; Machinery; Manual training; Manufactures; Masonry; Mechanical engineering; Mechanics, Applied; Metal work; Metallurgy; Mills and millwork; Occupations, Dangerous; Painting, Mechanical; Patents; Photography; Plumbing; Pottery; Printing; Receipts; Shipbuilding; Tanning; Technical dictionaries; Technical education; Technology; Textile industry and fabrics; Tinsmithing; Tools; Turning; Waste products; Weaving; Woodwork; *also* names of countries, subhead Industries and resources, and names of cities, subhead Industries

Industrial betterment

See also Garden cities; Hours of labor; Housing problem; Industrial education; Insurance, Industrial; Labor laws; Profit sharing; Scientific management

Industrial chemistry *see* Chemical engineering; Chemistry, Technical

Industrial combination *see* Combination, Industrial

Industrial conciliation *see* Arbitration and conciliation, Industrial

Industrial depression *see* Business depression

Industrial diseases *see* Occupations — Diseases and hygiene

Industrial drawing *see* Mechanical drawing

Industrial education

See also Apprentices; Foremen's schools; Manual training; Mechanics' institutes; Technical education; Trade schools; Vocational education

Industrial efficiency *see* Efficiency, Industrial

Industrial exhibitions *see* Exhibitions

Industrial hygiene *see* Occupations — Diseases and hygiene

Industrial insurance *see* Insurance, Industrial

Industrial schools *see* Industrial education; Reformatories

Industries *see* Industrial arts; Industries, Primitive; Industry; *also* names of countries and states, subhead Industries and resources, and names of cities, subhead Industries

Refer from Art; Art industries (s); Arts, Useful (s); Arts and crafts; Chemistry, Technical; Crafts (s); Discoveries (in science) (s); Engineering; Handicraft; Industries (s); Industry; Inventions; Manufactures; Mechanic arts (s); Science; Technology; Trades (s); Useful arts (s)

Refer from Betterment, Industrial (s); Employees' welfare (s); Employers' welfare institutions (s); Housing problem; Labor and capital; Labor and laboring classes; Profit sharing; Social work; Welfare institutions for laborers (s)

Refer from Education; Education, Elementary; Education, Industrial (s); Industrial arts; Industrial betterment; Industrial schools (s); Labor and laboring classes; Manual training; Technical education; Trade schools; Vocational education

Industries, Primitive

See also Archaeology; Civilization, Ancient; Indians — Industries; Pottery; Society, Primitive; Stone implements

Refer from Archaeology; Civilization, Ancient; Ethnology; Industrial arts; Industries (s); Man — Origin and antiquity; Primitive industries (s); Society, Primitive; Stone implements

Industry

See also Economics; Efficiency, Industrial; Factory system; Government regulation of industry; Home labor; Industrial arts; Labor and laboring classes; Machinery in industry

Refer from Civilization; Consumption (economics); Economics; Industrial arts; Industries (s); Labor and capital; Labor and laboring classes; Production (s); Sociology

Inebriate asylums

See also Gold cure

Refer from Alcoholism; Asylums; Charities, Medical; Drunkenness (s); Hospitals; Inebriates (s)

Inebriates *see* Alcoholism; Inebriate asylums; Liquor problem; Temperance

Infallibility

See also Catholic church — Authority; Popes — Infallibility; Vatican council

Refer from Catholic church; Theology; Vatican council

Infancy *see* Infants'

Infant baptism *see* Baptism — Infants

Infant feeding *see* Infants — Care and hygiene

Infant salvation

See also Baptism — Infants; Predestination

Refer from Baptism — Infants; Salvation

Infanticide

See also Illegitimacy

Refer from Crime and criminals; Illegitimacy; Medical jurisprudence; Murder; Women — Crime

Infantry

See also Infantry drill and tactics; Military art and science; *also* under country, e.g. U. S. — Army — Infantry. For volunteer regiments in the U. S. *see* under name of state, e.g. New York infantry; *also* United States volunteer infantry, for volunteer regiments recruited at large

Refer from Foot-soldiers (s); Military art and science

Infantry drill and tactics

See also Rifle practice; Tactics; Target practice

Refer from Drill (military); Infantry; Military art and science; Tactics

Infants

See also Children

Refer from Babies (s); Baby (s); Children; Infancy (s)

—Care and hygiene

See also Children — Care and hygiene

Refer from Children — Care and hygiene; Infant feeding (s)

—Diseases, *see* Children — Diseases

Infection and infectious diseases *see* Contagion and contagious diseases

Infidelity *see* Skepticism

Infinite

See also Being; Metaphysics

Refer from Finite (s); Metaphysics; Philosophy

Infinitesimal calculus *see* Calculus

Infirmary *see* Hospitals

Inflammation

See also Fever; Suppuration

Refer from Pathology; Suppuration

Influenza

See also Cold (disease); Respiratory organs — Diseases

Refer from Cold (disease); Grippe (s); La grippe (s); Medicine — Practice; Respiratory organs — Diseases

Infusoria

See also Protozoa

Refer from Animalcules; Protozoa

Inheritance

See also Administrators and executors; Entail; Estates, Unclaimed; Guardians; Inheritance and transfer tax; Land tenure; Legacies; Primogeniture; Probate law and practice; Salic law; Survivorship; Trustees; Wills

Inheritance (biology) *see* Heredity

Inheritance and transfer tax

See also Taxation; Taxation, Progressive

Inhibition

See also Habit

Initials

See also Artists' marks; Illumination of manuscripts and books; Lettering; Monograms

Initiative *see* Referendum

Injectors

See also Boilers

Injunctions

Injuries *see* Accidents; Damages; First aid in illness and injury; Torts; Wounds

Injurious insects *see* Insects, Injurious and beneficial

Injurious occupations *see* Occupations, Dangerous

Ink

Refer from Bequests (s); Heirs (s); Intestate succession (s); Law; Legacies; Primogeniture; Probate law and practice; Property; Succession (s); Wills

Refer from Death duties (s); Inheritance; Legacies; Taxation; Taxation, Progressive; Transfer tax (s)

Refer from Habit; Mind and body; Nervous system; Psychology, Physiological

Refer from Illumination of manuscripts and books; Monograms

Refer from Boilers; Feed water; Steam engines; Steam injectors (s)

Refer from Actions at law; Constitutional law; Labor laws; Law

Refer from Chemistry, Technical; Printing; Stationery; Writing

Refer from Canals; Commerce; Hydrography; Lakes; Navigation; Navigation, Inland (s); Rivers; Transportation; Waterways

Refer from Arts and crafts; Buhlwork (s); Decoration and ornament; Incrustation (s); Inlaying (s); Intarsia (s); Marquetry (s); Mosaics

Refer from Hotels; Taverns (s)

Refer from Contagion and contagious diseases; Hygiene, Public; Immunity; Medicine; Serum therapy; Smallpox; Therapeutics; Vaccination

Refer from Catholic church; Church discipline; Church history; Fanaticism; Heresy; Holy office (s); Martyrs; Middle ages; Persecution; Reformation — Spain; Spain — Religious history; Spanish inquisition (s); Torture

Refer from Asylums; Charities; Charities, Medical; Hospitals; Insanity; Lunatic asylums (s); Psychopathic hospitals (s)

Refer from Aberration, Mental (s); Brain; Consanguinity; Defectives; Degeneration;

Inland navigation

See also Canals; Ferries; Lakes; Pilots and pilotage; Rivers; Steam navigation; Waterways

Inlay

See also Arts and crafts; Damaskeening; Mosaics

Inlaying *see* Inlay

Inns

See also Coffeehouses; Hotels

Innuity *see* Eskimos

Inoculation

See also Immunity; Pasteurism; Serum therapy; Smallpox; Vaccination

Inoculation of soils *see* Soil inoculation

Inorganic chemistry *see* Chemistry, Inorganic

Inquests, Coroners', *see* Coroners

Inquisition

See also Martyrs; Persecution; Reformation — Spain; Spain — Religious history; Torture

Insane hospitals

See also names of cities, subhead Hospitals and asylums

Insanity

See also Brain; Defectives; Degeneration; Eccentricity; Feeble-minded; Genius; Id-

iocy; Illusions and hallucinations; Insane hospitals; Medical jurisprudence; Mental diseases; Mind and body; Suicide

Inscriptions

See also Alphabet; Brasses; Cuneiform writing; Epitaphs; Hieroglyphics; Manuscripts; Obituaries; Paleography; Picture writing; Runes; Seals (numismatics); Writing

Insecticides

See also Insects, Injurious and beneficial; Spraying

Insectivora

See also Mammals

Insectivorous plants

See also Botany; Botany — Physiology

Insects

See also Arthropoda; Beetles; Caterpillars; Cocoons; Color of insects; Diptera; Entomologists; Fertilization of plants; Hemiptera; Hymenoptera; Insecticides; Lepidoptera; Neuroptera; Orthoptera; Wings; *also* names of insects

—Aquatic

—Fossil

—Injurious and beneficial

See also Agricultural pests; Cotton — Diseases and pests; Fruit — Diseases and pests; Household pests; Insecticides; Insects as carriers of contagion; Parasites; Spraying; Trees — Diseases and pests; *also* names of insects, e.g. Beetles, Bookworms, Chinch bugs, Cicadas, Cutworms, Hessian flies, Locusts, Mosquitoes, Moths, Plant lice, San José scale, Scale insects, Weevils

—U. S.

Insects as carriers of contagion

See also Flies; Mosquitoes; Sleeping sickness; Tsetse flies; Yellow fever

Insignia

See also Decorations of honor; Devices; Regalia

Insolvency *see* Bankruptcy

Insomnia

See also Narcotics; Sleep

Inspection of factories *see* Factory inspection

Inspection of food *see* Food adulteration and inspection

Inspection of meat *see* Meat inspection

Inspection of steamboats *see* Steamboat inspection

Inspiration

See also Bible — Inspiration; Revelation

Dementia (s); Idiocy; Illusions and hallucinations; Intellect; Lunacy (s); Madness (s); Mania (s); Medical jurisprudence; Medicine — Practice; Mental aberration (s); Mental derangements (s); Mental diseases; Mind and body; Psychology

Refer from Alphabet; Archaeology; Epigraphy (s); Epitaphs; Hieroglyphics; History, Ancient; Literature; Manuscripts; Monuments; Obituaries; Paleography; Writing

Refer from Insects; Insects, Injurious and beneficial; Spraying

Refer from Mammals

Refer from Botany; Botany — Physiology; Carnivorous plants (s); Plants; Plants, Insectivorous (s)

Refer from Animals; Arthropoda; Beetles; Bugs (s); Diptera; Entomology (s); Hemiptera; Hymenoptera; Invertebrates; Lepidoptera; Neuroptera; Orthoptera; Zoology

Refer from Aquatic insects (s); Fresh-water fauna; Water insects (s)

Refer from Fossil insects (s); Invertebrates, Fossil; Paleontology

Refer from Agricultural pests; Agriculture; Economic entomology (s); Entomology, Economic (s); Fruit — Diseases and pests; Gardening; Household pests; Injurious insects (s); Insecticides; Parasites; Pests (s); Trees — Diseases and pests; Zoology, Economic

Refer from U. S. — Entomology (s); U. S. — Insects (s); Zoology — U. S.

Refer from Contagion and contagious diseases; Flies; Hygiene, Public; Insects, Injurious and beneficial; Mosquitoes; Tsetse flies

Refer from Badges of honor (s); Decorations of honor; Devices; Emblems; Heraldry; Regalia; Societies

Refer from Medicine — Practice; Sleep; Sleeplessness (s)

Refer from Revelation; Supernatural; Theology

Instalment plan**Instinct**

See also Animal intelligence; Animals — Habits and behavior; Habit; Orientation; Psychology, Comparative

Institutes, Farmers', *see* Farmers' institutes
Institutes, Teachers', *see* Teachers' institutes

Institutional churches

See also Church work

Institutions, Charitable and philanthropic, *see* Almshouses; Asylums; Charities; Hospitals; *also* names of cities, subheads Charities and Hospitals and asylums; and special classes of people, e.g. Deaf and dumb — Asylums and education

Instruction *see* Education; Teaching

Instrumental music

See also Bands (music); Chamber music; Dance music; Duets, Instrumental; Marches (music); Military music; Music; Musical instruments; Orchestral music; Orchestras; Organ music; Overtures; Piano music; Program music; Sonatas; Symphonies; Violin music

Instrumentation and orchestration

See also Musical instruments

Instruments

See also Astronomical instruments; Drawing instruments; Electric apparatus and appliances; Machinery; Mathematical instruments; Meteorological instruments; Musical instruments; Optical instruments; Scientific apparatus and instruments; Surgical instruments; Surveying instruments; Tools

Insulation

See also Electric cables; Electric resistance; Electric wire and wiring

Insurance

See also Benefit societies

—Accident

See also Employers' liability; Insurance, Casualty; Insurance, Industrial

—Casualty

—Compulsory, *see* Insurance, State and compulsory

—Fire

See also Fireproofing

—Fraternal, *see* Benefit societies

—Health

See also Insurance, State and compulsory

Refer from Business; Credit

Refer from Animal instinct (s); Animal intelligence; Animals; Animals — Habits and behavior; Habit; Intelligence of animals (s); Psychology; Psychology, Comparative; Reason; Zoology

Refer from Christian sociology; Church; Church, Institutional (s); Church work

Refer from Music; Musical instruments; Orchestral music; Piano music

Refer from Bands (music); Composition (music); Military music; Music; Music — Instruction and study; Musical instruments; Orchestral music; Orchestration (s)

Refer from Apparatus (s); Scientific apparatus and instruments

Refer from Electric cables; Electric insulation (s); Electric resistance; Electric wire and wiring; Electricity

Refer from Appraising; Assurance (s); Commerce; Commercial law; Contracts; Finance; Investments; Law; Probabilities; Property; Sociology; Thrift

Refer from Accident insurance (s); Accidents; Employers' liability; Insurance, Industrial; Workingmen's insurance (s)

Refer from Casualty insurance (s); ExploSIONS; Floods; Insurance, Accident; Live stock; Storms

Refer from Fire insurance (s); Fires

Refer from Health insurance (s); Insurance, Sickness (s)

Insurance — Continued

—Industrial

See also Benefit societies; Employers' liability; Insurance, Accident; Insurance, State and compulsory

Refer from Benefit societies; Industrial betterment; Industrial insurance (s); Insurance, Accident; Insurance, Life; Insurance, State and compulsory; Insurance, Workingmen's (s); Labor and laboring classes; Thrift; Workingmen's insurance (s)

—Life

See also Annuities; Benefit societies; Insurance, Industrial; Insurance, State and compulsory

Refer from Annuities; Benefit societies; Life insurance (s)

—Marine

See also Salvage

Refer from Marine insurance (s); Maritime law

—Sickness, *see* Insurance, Health

—State and compulsory

See also Insurance, Industrial; Old age pensions

Refer from Compulsory insurance (s); Insurance, Compulsory (s); Insurance, Health; Insurance, Industrial; Insurance, Life; Insurance, Workingmen's (s); Workingmen's insurance (s)

—Workingmen's, *see* Insurance, Industrial; Insurance, State and compulsory

Intaglios

See also Gems; Seals (numismatics)

Refer from Gems

Intarsia *see* Inlay

Integral calculus *see* Calculus

Intellect

See also Animal intelligence; Belief; Brain; Certainty; Genius; Imagination; Insanity; Judgment; Knowledge; Logic; Memory; Perception; Psychology; Psychology, Comparative; Reason; Senses and sensation; Talent; Thought and thinking
Intellectual property *see* Copyright; Inventions; Patents

Refer from Brain; Intelligence (s); Knowledge; Mind (s); Philosophy; Psychology; Thought and thinking; Understanding (s)

Intelligence *see* Intellect

Intelligence of animals *see* Animal intelligence; Instinct; Psychology, Comparative
Intelligence offices *see* Employment agencies; Labor exchanges

Intemperance *see* Alcoholism; Liquor problem; Temperance

Intercollegiate athletics *see* College athletics

Interdict

See also Excommunication

Refer from Catholic church; Church discipline; Church polity; Excommunication

Interest

See also Arithmetic; Banks and banking; Discount; Interest tables; Investments

Refer from Arithmetic; Arithmetic, Commercial; Banks and banking; Capital; Commerce; Discount; Economics; Ethics; Finance; Investments; Loans; Money; Negotiable instruments; Profit; Usury (s)

Refer from Psychology, Educational

Interest (psychology)

Interest tables

Refer from Interest; Mathematics — Tables, etc.; Tables, Interest (s)

Interference (light)

See also Electric waves; Light

Refer from Light; Optical interference (s)

Interior decoration *see* Church decoration and ornament; Furniture; House decoration

Intermediate state *see* Future life; Purgatory

Interment *see* Burial

Internal combustion engines *see* Gas and oil engines

Internal revenue *see* Internal revenue laws;
Stamp duties; Taxation; *also* names of
countries, subhead Revenue

Internal revenue laws

International arbitration *see* Arbitration, In-
ternational

International copyright *see* Copyright

International exchange *see* Foreign exchange

International exhibitions *see* Exhibitions

International language *see* Language, Artifi-
cial; Language, Universal

International law

See also Aliens; Allegiance; Arbitration,
International; Asylum, Right of; Blockade;
Boundaries; Cables, Submarine; Citizen-
ship; Claims; Confiscation; Consuls; Con-
traband of war; Diplomacy; Diplomatic
and consular service; Drago doctrine; Em-
bargo laws; Extritoriality; Extradition;
Guerrillas; Impressment; Indemnity; In-
ternational relations; Intervention; Juris-
diction; Maritime law; Military law; Mon-
roe doctrine; Natural law; Naturalization;
Neutrality; Passports; Peace; Pirates; Po-
litical offenses; Privateering; Prizes (inter-
national law); Recognition (international
law); Red cross; Salvage; Search, Right of;
Sovereignty; State ethics; Treaties; War

International marriages *see* Marriages, In-
ternational

International politics *see* International rela-
tions

International relations

See also Ambassadors; Arbitration, In-
ternational; Balance of power; Consuls;
Diplomacy; Diplomatic and consular ser-
vice; Diplomatic memoirs; Diplomats;
Disarmament; Eastern question; Frontiers;
Holy alliance; International law; Mili-
tarism; Monroe doctrine; Peace; Race
problems; Sea power; State ethics; Trea-
ties; Triple alliance, 1883-; War; *also* names
of countries, subhead Foreign relations

Internationalism *see* International relations

Interoceanic canals *see* Ship canals

Interstate commerce

See also Railroads — Rates; Railroads —
U. S.; Railroads and state; Restraint of
trade; Transportation

Interurban railroads *see* Electric railroads

Intervention

See also Holy alliance; Monroe doctrine

Interviewing *see* Journalism; Reporting

Intestate succession *see* Inheritance

Intestines

See also Appendicitis; Digestive system;
Viscera

Intolerance *see* Fanaticism; Liberty of con-
science; Religious liberty

Intoxicants *see* Alcohol; Liquors; Stimulants

Intoxication *see* Alcoholism; Liquor problem;
Temperance

Refer from Excise laws (s); Finance; In-
ternal revenue (s); Liquor laws; Taxation;
U. S.— Revenue

Refer from Arbitration, International; Block-
ade; Commerce; Diplomacy; Diplomatic and
consular service; International relations; Juris-
diction; Law; Law of nations (s); Maritime
law; Military law; Ministers of state; Nations,
Law of (s); Natural law; Neutrality; Treaties;
War

Refer from Balance of power; Diplomacy;
Diplomatic and consular service; Disarma-
ment; Foreign relations (s); History; Inter-
national law; International politics (s); In-
ternationalism (s); Ministers of state; Peace;
Politics; Race problems; Treaties; War;
World politics (s)

Refer from Carriers; Commerce; Govern-
ment regulation of industry; Railroads —
Law; Railroads — Rates; Railroads and state;
Restraint of trade; U. S.— Commerce

Refer from Holy alliance; International law;
Monroe doctrine; War

Refer from Abdomen; Digestive system;
Viscera

Intuition

See also Psychology

Inundations *see* Floods

Invalid cookery *see* Cookery for the sick

Invalids

See also Diet; Health resorts; Nurses and nursing

Invasions of Rome, Barbarian, *see* Barbarian invasions of Rome

Inventions

See also Industrial arts; Inventors; Patents

Inventors

See also Inventions

Invertebrates

See also Arthropoda; Brachiopoda; Coelenterata; Crustacea; Echinodermata; Insects; Mollusks; Polyzoa; Protozoa; Sponges; Worms; Zoology

—Fossil

See also Insects, Fossil; Mollusks, Fossil

Investments

See also Annuities; Banks and banking; Bonds; Building and loan associations; Insurance; Interest; Loans; Mortgages; Railroads — Finance; Real estate; Real estate business; Securities; Speculation; Stocks; Thrift

Invisible empire *see* Ku-Klux Klan

Ionization of gases

See also Electric discharges through gases; Ions; Radioactivity

Ionized air *see* Ionization of gases

Ions

See also Dissociation; Electric discharges through gases; Electrochemistry; Electrol-ysis; Electrolytes; Electrons; Ionization of gases; Solution (chemistry)

Iranian languages

See also Aryan languages; Oriental lan- guages; Persian language

Iranic languages *see* Iranian languages

Irish ballads *see* Ballads, Irish

Irish in the U. S.

See also Scotch-Irish in the U. S.

Irish land question *see* Land tenure — Ireland

Irish language

See also Celtic languages; Gaelic language

Irish literature (Celtic)

See also Celtic literature; Gaelic literature

Irish literature (English)

See also Ballads, Irish; English literature; Irish poetry

Irish poetry

See also Ballads, Irish; Irish literature; Songs, Irish

Irish songs *see* Ballads, Irish; Songs, Irish

Iron

See also Annealing; Blast furnaces; Cast iron; Corrosion and anti-corrosives; Foun-

Refer from Knowledge; Psychology

Refer from Hygiene; Medicine; Nurses and nursing; Sick, The (s)

Refer from Civilization; Discoveries (in science) (s); Industrial arts; Intellectual property (s); Inventors; Machinery; Patents; Property, Intellectual (s); Science

Refer from Biography; Discoverers (s); Inventions; Scientists

Refer from Arthropoda; Brachiopoda; Coelenterata; Echinodermata; Mollusks; Polyzoa; Protozoa; Sponges; Worms; Zoology

Refer from Paleontology

Refer from Bonds; Capital; Corporations; Economics; Finance; Interest; Loans; Money; Mortgages; Negotiable instruments; Securities; Speculation; Stocks; Thrift

Refer from Air; Atmospheric nucleation; Electric discharges through gases; Electricity; Gases; Ionized air (s); Ions; Radioactivity

Refer from Atoms; Chemistry; Chemistry, Physical; Dissociation; Electricity; Electro-chemistry; Electrolysis; Electrolytes; Elec- trons; Ionization of gases; Matter; Solution (chemistry); X rays

Refer from Aryan languages; Iranic lan- guages (s); Oriental languages; Persian lan- guage

Refer from U. S. — Foreign population

Refer from Celtic languages; Erse (s); Gaelic language

Refer from Celtic literature; Gaelic literature

Refer from British literature (s); English literature; Irish poetry

Refer from Ballads, Irish; British poetry (s); English poetry; Irish literature

Refer from Annealing; Building materials; Cast iron; Metallography; Metals; Steel

dry work; Galvanizing; Hardware; Iron age;
Iron industry; Iron mines and mining; Iron
ores; Ironwork; Metallography; Metals;
Slag; Steel; Tubes; Wrought iron

Iron age

See also Archaeology

Iron-clad vessels *see* Armored vessels

Iron founding *see* Foundry work

Iron industry

See also Foundry work; Iron mines and
mining; Rolling mills; Steel industry; Stoves

Iron Mask

Iron mines and mining

See also Iron ores

Iron ores

See also Iron mines and mining; Lodestone

Iron trade *see* Iron industry

Iron work *see* Ironwork

Ironclads *see* Armored vessels

Ironwork

See also Arts and crafts; Blacksmithing;
Forging; Grilles; Iron industry; Metal
coloring; Metal work; Railings; Welding;
Wrought iron

Irony

Iroquois Indians

See also Indians of New York; Sullivan's
expedition

Irrigation

See also Alkali lands; Civil engineering;
Dams; Drainage; Dry farming; Irrigation
canals; Reclamation of land; Reservoirs;
Water rights; Windmills

Irrigation canals

See also Flumes

Irritability

See also Heliotropism; Plants — Move-
ments

Irvingites *see* Catholic apostolic church

Isinglass *see* Gelatin; Mica

Islam *see* Mohammedanism

Islands

See also Corals and coral islands; Physical
geography

—Imaginary, *see* Geographical myths

Islands of the Mediterranean

Isomerism

See also Stereochemistry

Israelites *see* Jews

Isthmian canal *see* Panama canal

Italian drama

See also Dramatists, Italian; Italian
literature; Theater — Italy

Italian fiction

See also Italian literature

Italian language [subdivided like German
language]

See also Romance languages

Refer from Archaeology; Iron

Refer from Iron; Iron trade (s); Ironwork;
Manufactures; Rolling mills; Steel industry

Refer from France — History — Bourbons;
Man with the iron mask (s)

Refer from Iron; Iron industry; Iron ores;
Mines and mineral resources

Refer from Iron; Iron mines and mining;
Ore deposits; Ores

Refer from Arts and crafts; Blacksmithing;
Decoration and ornament; Forge work (s);
Forging; Grilles; Iron; Iron work (s); Metal
work; Wrought iron; Wrought iron work (s)

Refer from Humor; Rhetoric; Satire

Refer from Five nations (s); Indians; In-
dians of New York; Six nations (s)

Refer from Agriculture; Civil engineering;
Dams; Drainage; Engineering; Hydraulic
engineering; Reclamation of land; Reservoirs;
Soils; Water supply

Refer from Canals; Flumes; Irrigation

Refer from Animals — Habits and behavior;
Animals — Irritability (s); Biology; Helic-
tropism; Movements of animals (s); Plants —
Movements

Refer from Geography; Physical geography

Refer from Mediterranean Sea

Refer from Chemistry, Physical; Stereo-
chemistry

Refer from Dramatists, Italian; Italian lit-
erature; Italian poetry; Theater — Italy

Refer from Italian literature

Refer from Romance languages

Italian literature

See also Authors, Italian; Italian drama; Italian fiction; Italian poetry; Romance literature

Italian painting *see* Painting, Italian

Italian poetry

See also Italian drama; Italian literature; Poets, Italian

Italians in the U. S.

See also Padrone system

Italy — History

— To 1559

See also Barbarian invasions of Rome; Guelfs and Ghibellines; Rome — History

— 1559-1780

See also Austrian succession, War of

— 1789-1815

See also Napoleonic wars

— 1815-

See also Carbonari; Triple alliance, 1883-

Ivory

Jacobins

See also French revolution

Jacobites

See also England — History — 1714-1837; Nonjurors

Jails *see* Prisons

Jainism *see* Jains

Jains

See also India — Religion

Jameson's raid, 1895-1896

Janissaries *see* Janizaries

Janizaries

See also Turkey — Army; Turkey — History

Jansenists

Japanese ethics *see* Ethics, Japanese

Japanese folklore *see* Folklore — Japan

Japanese in California

Japanese in the U. S.

See also Japanese in California

Japanese language

See also Oriental languages

Japanese legends *see* Legends — Japan

Japanese literature

See also Oriental literature

Japanning

See also Varnish and varnishing

Jarley waxworks

Jealousy

See also Emotions; Love

Jesters *see* Fools

Jests *see* Humor

Refer from Authors, Italian; Italian drama; Italian fiction; Italian poetry; Romance literature

Refer from Italian literature; Poets, Italian

Refer from U. S.— Foreign population

Refer from Barbarian invasions of Rome; Guelfs and Ghibellines

Refer from Austrian succession, War of

Refer from Carbonari

Refer from Animal products; Carving (art industries); Elephants; Sculpture

Refer from Bréton club (s); French revolution

Refer from England — History — Stuarts; England — History — 1714-1837; Scotland — History

Refer from Hinduism; India — Religion; Jainism (s)

Refer from South African war, 1899-1902; Transvaal

Refer from Janissaries (s); Turkey — Army; Turkey — History

Refer from Catholic church; Catholic church — History; Church history — Modern; Jesuits

Refer from California; Japanese in the U. S.

Refer from Race problems — U. S.; U. S.— Foreign population; U. S.— Foreign relations — Japan

Refer from Oriental languages

Refer from Oriental literature

Refer from Lacquer; Varnish and varnishing

Refer from Entertainments; Waxworks, Living (s)

Refer from Emotions; Love

Jesuits

See also Jansenists

—Missions

See also Catholic church — Missions;
Indians — Missions

Jesus, Society of, *see* Jesuits

Jesus Christ

See also Antichrist; Apostles; Atonement;
Bible; Bible — New Testament; Christian-
ity; Cross; Easter; Holy sepulcher; In-
carnation; Lord's supper; Mary, Virgin;
Messiah; Millennium; Miracles; Salvation;
Second advent; Socinianism; Transubstan-
tiation; Trinity

—Art, *see* Jesus Christ in art

—Ascension, *see* Jesus Christ — Resurrec-
tion and ascension

—Atonement, *see* Atonement

—Baptism

—Biography

—Birth

See also Christmas; Incarnation; Magi

—Character

See also Jesus Christ — Person and
offices

—Crucifixion, *see* Jesus Christ — Passion

—Death, *see* Jesus Christ — Passion

—Divinity

See also Arianism; Jesus Christ —
Messiahship; Socinianism; Trinity; Uni-
tarianism

—Genealogy

—Iconography, *see* Jesus Christ in art

—Incarnation, *see* Incarnation

—Legends

—Life, *see* Jesus Christ — Biography

—Messiahship

See also Messiah

—Miracles

—Names

—Nativity, *see* Jesus Christ — Birth

—Passion

—Person and offices

See also Jesus Christ — Character

—Portraits, *see* Jesus Christ in art

—Resurrection and ascension

See also Easter

—Second advent, *see* Second advent

—Teaching

See also Bible — New Testament —
Gospels; Parables; Sermon on the mount

—Temptation

—Transfiguration

—Trial

Jesus Christ in art

See also Christian art and symbolism;
Madonnas

Refer from Catholic church; Church history;
Counter-reformation; Jesus, Society of (s),
Monasticism; Religious orders; Society of
Jesus (s)

Refer from Catholic church — Missions;
Indians — Missions; Missions

Refer from Atonement; Bible; Bible — New
Testament; Bible — New Testament — Gos-
pels; Christ (s); Christianity; Christology (s);
God; Incarnation; Jews; Lord's supper; Mary,
Virgin; Messiah; Millennium; Prophecies;
Religion; Second advent; Theology; Trinity

Refer from Baptism

Refer from Jesus Christ — Life (s)

Refer from Christmas; Jesus Christ — Na-
tivity (s); Nativity of Christ (s); Virgin
birth of Christ (s)

Refer from Jesus Christ — Person and
offices

Refer from Arianism; Divinity (s); Human-
itarianism (theology) (s); Trinity; Unitarian-
ism

Refer from Legends

Refer from Jesus Christ — Divinity; Mes-
siah

Refer from Miracles

Refer from Crucifixion; Jesus Christ —
Crucifixion (s); Jesus Christ — Death (s)

Refer from Jesus Christ — Character

Refer from Ascension of Jesus Christ (s);
Easter; Jesus Christ — Ascension (s); Res-
urrection

Refer from Bible — New Testament —
Gospels; Parables

Refer from Temptation

Refer from Transfiguration of Jesus Christ (s)

Refer from Bible — Pictorial illustrations;
Christian art and symbolism; Jesus Christ —

Jets

See also Hydraulics; Hydrodynamics

Jetties

See also Breakwaters

Jewelry

See also Arts and crafts; Beads; Bracelets; Brooches; Cameos; Gems; Goldsmithing; Hall marks; Pearls; Plate; Precious stones; Rings; Silversmithing

Jewish ethics *see* Ethics, Jewish

Jewish language *see* Hebrew language; Yiddish language

Jewish literature

See also Bible; Cabala; Hebrew literature; Talmud; Yiddish literature

Jews *see* Ghettos

Jews

See also Anglo-Israelism; Bible; Circumcision; Essenes; Ghettos; Jesus Christ; Messiah; Palestine; Passover; Patriarchs; Prophets; Sabbath, Jewish; Semitic race; Zionism

—Antiquities

See also Bible — Antiquities

—Biography

—Charities

—Civilization

—Customs, *see* Jews — Social life and customs

—Education

—Ethics, *see* Ethics, Jewish

—Ethnology

See also Bible — Ethnology

—History

See also Bible — History

—Language, *see* Hebrew language; Yiddish language

—Law

See also Mosaic law

—Literature, *see* Hebrew literature; Jewish literature; Yiddish literature

—Liturgy and ritual

—Lost tribes

See also Anglo-Israelism

—Music, *see* Music — Jews

—Persecution

—Political and social conditions

See also Jews — Persecution; Jews in Russia; Jews in the U. S.; Zionism

—Religion

See also Bible — Old Testament; Cabala; Circumcision; Essenes; Jews — Liturgy and ritual; Messiah; Mosaic law; Passover; Sabbath, Jewish; Talmud

—Ritual, *see* Jews — Liturgy and ritual

—Social conditions, *see* Jews — Political and social conditions

Art (s); Jesus Christ — Iconography (s); Jesus Christ — Portraits (s)

Refer from Fluids; Hydraulics; Hydrodynamics; Liquids

Refer from Breakwaters; Harbors; Hydraulic engineering; Reclamation of land

Refer from Arts and crafts; Bracelets; Brooches; Costume; Decoration and ornament; Gems; Gold; Goldsmithing; Metal work; Precious stones; Rings; Silversmithing

Refer from Hebrew literature; Jews — Literature (s)

Refer from Bible; Church history; Ghettos; Hebrews (s); Israelites (s); Palestine; Race problems; Semitic race; Zionism

Refer from Bible — Antiquities

Refer from Charities

Refer from Bible — Ethnology

Refer from Bible — History

Refer from Mosaic law

Refer from Jews — Religion; Jews — Ritual (s)

Refer from Anglo-Israelism; Bible — Ethnology; Lost tribes of Israel (s); Ten tribes of Israel (s)

Refer from Jews — Political and social conditions; Persecution

Refer from Anti-Semitism (s); Jews — Social conditions (s)

Refer from Circumcision; Judaism (s); Passover; Religions

Jews—Continued

—**Social life and customs**

See also Ethics, Jewish

Jews in Russia

Jews in the U. S.

Jiu-jitsu

See also Wrestling

Joinery *see* Carpentry

Joint authorship *see* Collaboration

Joint standard *see* Bimetallism

Joint-stock companies

See also Corporations; Partnership;
Stocks

Joints

See also Anatomy; Dislocations

Jokes *see* Humor

Journalism

See also Amateur journalism; Authorship;
Caricature and cartoons; Editorials; Libel
and slander; Liberty of the press; News-
papers; Periodicals; Publicity; Reporting;
Students' periodicals; War correspondence

Journals (machinery) *see* Bearings (machinery)

Journeys *see* Voyages and travels; *also* names
of countries, subhead Description and travel

Joy

See also Emotions; Happiness; Pleasure

Jubilee singers

Judaean-German *see* Yiddish language

Judaism *see* Jews — Religion

Judeo-German *see* Yiddish language

Judges

See also Chancellors, Lord; Chief justices;
Justices of the peace; Magistrates

Judgment

See also Common sense; Psychology;
Reason

Judgment day

See also Eschatology; Future life; Second
advent

Judiciary *see* Courts; Judges

Juggling *see* Conjuring

July fourth *see* Fourth of July

Jurassic period *see* Geology, Stratigraphic —
Jurassic; Paleontology — Jurassic

Jurisdiction

See also Constitutional law; Courts;
Equity; International law

Jurisprudence *see* Law

Jurisprudence, Medical, *see* Medical juris-
prudence

Jurists *see* Lawyers

Jury

See also Constitutional law; Trials

Justice

See also Equity

Refer from Jews — Customs (s)

Refer from Jews — Political and social
conditions

Refer from Jews — Political and social
conditions

Refer from Athletics; Physical education;
Sports; Wrestling

Refer from Business; Commercial law; Cor-
porations; Partnership; Stock companies (s);
Stocks

Refer from Anatomy; Articulations (s);
Bones; Dislocations

Refer from Authorship; Editorials; Inter-
viewing (s); Liberty of the press; Literature;
Newspaper work (s); Newspapers; Periodicals;
Press (s); Professions; Reporting; Writing
for the press (s); Yellow journalism (s)

Refer from Emotions; Happiness; Pleasure

Refer from Fisk university; Negro songs

Refer from Biography; Chief justices;
Courts; Judiciary (s); Justices (s); Law;
Lawyers; Magistrates

Refer from Intellect; Knowledge; Psychology;
Reason

Refer from Day of judgment (s); Escha-
tology; Future life; Last judgment (s); Second
advent; Theology

Refer from Constitutional law; Courts;
International law; Law; Probate law and
practice

Refer from Constitutional law; Courts;
Criminal law; Grand jury (s); Law; Trial by
jury (s); Trials

Refer from Conduct of life; Equity; Ethics;
Law

Justices *see* Chief justices; Judges; Justices of the peace

Justices of the peace

Justification

See also Faith; Grace (theology)

Jute

See also Fibers

Juvenile courts

See also Juvenile delinquency; Probation system

Juvenile delinquency

See also Children, Abnormal and backward; Defectives; Juvenile courts; Parental schools; Reformatories; Truancy; Truant schools

Juvenile literature *see* Children's literature

Juvenile offenders *see* Juvenile delinquency

Juvenile reformatories *see* Reformatories

Kabala *see* Cabala

Kabbala *see* Cabala

Kaffirs *see* Kaffirs

Kaffirs

See also Africa, South

Kaki *see* Khaki

Kaleidoscope

Kalifs *see* Caliphs

Kansas-Nebraska bill

Kantianism *see* Critical philosophy

Karens

See also Burma

Kartels (economics) *see* Combination, Industrial; Trusts

Karyokinesis

Katabolism *see* Metabolism

Kathode rays *see* Cathode rays

Kayans *see* Dyaks

Keeley cure *see* Gold cure

Keltic languages *see* Celtic languages

Keltic literature *see* Celtic literature

Kelts *see* Celts

Kentucky and Virginia resolutions, 1798

Kentucky resolutions, 1798, *see* Kentucky and Virginia resolutions, 1798

Keramics *see* Pottery

Kerosene *see* Petroleum

Kerosene engines *see* Gas and oil engines

Keswick movement

Keys *see* Locks and keys

Khaki

Khalifs *see* Caliphs

Kidnapping

See also Brigands and robbers; Impressment; Slave trade

Refer from Judges; Justices (s); Law; Magistrates

Refer from Faith; Grace (theology); Salvation; Theology

Refer from Fibers; Hemp

Refer from Children — Law; Children's courts (s); Courts; Criminal law; Juvenile delinquency; Probation system; Reformatories

Refer from Boys; Children; Children — Law; Crime and criminals; Defectives; Delinquent children (s); Juvenile courts; Juvenile offenders (s); Social problems

Refer from Africa, South; Caffres (s); Ethnology — Africa, South; Kaffirs (s)

Refer from Optical instruments

Refer from Kansas — History; Missouri compromise; Nebraska — History; Slavery in the U. S.

Refer from Burma

Refer from Biology; Caryokinesis (s); Cells; Chromosomes (s); Cytokinesis (s); Mitosis (s)

Refer from Alien and sedition laws, 1798; Kentucky — History; Kentucky resolutions (s); Nullification; State rights; Virginia — History; Virginia resolutions (s)

Refer from Revivals

Refer from Cotton; Dyes and dyeing; Kaki (s); Textile industry and fabrics; Wool

Refer from Crime and criminals; Slave trade

Kidneys

See also Urinary organs

Kindergarten

See also Cardboard construction; Child study; Children; Finger plays; Nature study; Object teaching; Paper work; Play; Story telling

—Games and songs

—Stories

Kindness

Kindness to animals *see* Animals — Treatment

Kinematics

See also Dynamics; Force and energy; Mechanical movements; Mechanics; Motion; Velocity

Kinematograph *see* Moving pictures

Kinetic theory of gases *see* Gases — Kinetic theory

Kinetics *see* Dynamics; Motion

Kinetograph *see* Moving pictures

Kinetoscope *see* Moving pictures

King Philip's war, 1675-1676

See also Indians — Wars; New England — History; U. S. — History — Colonial period

King William's war, 1689-1697

See also Indians — Wars; U. S. — History — Colonial period

Kingdom of God

Kings and rulers

See also Caliphs; Courts and courtiers; Divine right of kings; Doges; Emperors; Monarchy; Popes; Presidents; Princes and princesses; Queens and empresses; Royal descent, Families of

Kingship *see* Monarchy

Kinship *see* Consanguinity; Family

Kissing

Kitchen

See also Cookery; Home economics

Kitchen garden (for teaching housekeeping)

Kitchen gardening (vegetables) *see* Gardening

Kitchen middens

See also Mounds and mound builders

Kites

Kneipp cure *see* Hydrotherapy

Knife *see* Knives

Knight-errantry *see* Chivalry; Knights and knighthood

Knightage *see* Peerage

Knighthood *see* Knights and knighthood

Knights and knighthood

See also Chivalry; Feudalism; Heraldry; Peerage; *also* orders of knighthood, e.g. Garter, Order of the; Malta, Knights of; Templars; Teutonic knights

Knights hospitallers *see* Malta, Knights of

Knights of Malta *see* Malta, Knights of

Knights of Rhodes *see* Malta, Knights of

Refer from Abdomen; Urinary organs; Viscera

Refer from Child study; Children; Children — Education (s); Education; Education, Elementary; Education of children (s); Elementary education (s); Froebel system of education (s); Gifts (kindergarten) (s); Object teaching; Schools; Teaching

Refer from Children's songs; Games; Play; School music; Songs

Refer from Children's literature; Stories (s)

Refer from Affection (s); Charity; Conduct of life; Ethics

Refer from Cinematics (s); Dynamics; Machinery; Mechanical movements; Mechanics; Motion; Physics; Velocity

Refer from Indians — Wars; New England — History; U. S. — History — Colonial period

Refer from England — History — Stuarts; Indians — Wars; New York (state) — History; U. S. — History — Colonial period

Refer from Theology

Refer from Biography; Courts and courtiers; Despotism; Emperors; History; Magistrates; Monarchs (s); Monarchy; Royalty (s); Rulers (s); Sovereigns (s)

Refer from Manners and customs

Refer from Cookery; Home economics

Refer from Home economics

Refer from Archaeology; Indians — Antiquities; Mounds and mound builders; Shell mounds (s)

Refer from Aeronautics; Amusements; Sports

Refer from Chivalry; Feudalism; Heraldry; Knight-errantry (s); Knighthood (s); Orders of knighthood (s); Peerage

Knights of St. John of Jerusalem *see* Malta,
Knights of
Knights of the cross *see* Teutonic knights
Knights of the red cross *see* Freemasons
Knights templars (masonic) *see* Freemasons —
Templars
Knights templars (military order) *see* Templars

Knitting

See also Fancy work

Knives

See also Cutlery

Knotting and splicing *see* Knots and splices

Knots and splices

Know-nothing party

See also U. S. — History — 1815-1861

Knowledge

See also Apperception; Belief; Education;
Experience; Intellect; Intuition; Judgment;
Metaphysics; Perception; Philosophy;
Psychology; Reality; Science; Truth

Knownothing party *see* Know-nothing party

Koomis *see* Kumiss

Koran

See also Mohammedanism

Koumys *see* Kumiss

Ku-Klux Klan

See also Reconstruction

Kumiss

Kuran *see* Koran

Kyanizing *see* Wood — Preservation

Kymric language *see* Welsh language

Kymric literature *see* Welsh literature

Labadists

Labor and capital

See also Arbitration and conciliation,
Industrial; Boycott; Capital; Combination,
Industrial; Cooperation; Employers' associ-
ations; Employers' liability; Industrial
betterment; Industry; Labor and laboring
classes; Labor unions; Profit sharing;
Strikes and lockouts; Wages

Labor and laboring classes

See also Age limit of employment; Appren-
tices; Arbitration and conciliation, Indus-
trial; Benefit societies; Child labor; Com-
munism; Consumers' leagues; Contract
labor; Convict labor; Coolies; Cooperation;
Cost of living; Economics; Efficiency, In-
dustrial; Employers' liability; Employment
agencies; Factory system; Farm colonies;
Farm labor; Gilds; Home labor; Hours of
labor; Housing problem; Immigration and
emigration; Industrial betterment; Indus-
trial education; Industry; Insurance, In-
dustrial; Labor and capital; Labor ex-
changes; Labor laws; Labor unions; Leisure
class; Machinery in industry; Mechanics'
institutes; Miners; Occupations; Old age

Refer from Fancy work; Needlework

Refer from Cutlery; Hardware; Knife (s)

Refer from Cordage; Knotting and splic-
ing (s); Navigation; Rope; Splicing (s)

Refer from American party (s); Knownoth-
ing party (s); Political parties; U. S.— His-
tory — 1815-1861; U. S. — Politics

Refer from Apperception; Consciousness;
Education; Epistemology (s); Intellect;
Learning (s); Metaphysics; Philosophy; Psy-
chology

Refer from Alcoran (s); Alkoran (s);
Kuran (s); Mohammedanism; Quran (s);
Sacred books

Refer from Invisible empire (s); Reconstruc-
tion; Secret societies; Southern states; White
league (s)

Refer from Koomis (s); Koumys (s); Liquors;
Milk

Refer from Sects

Refer from Arbitration and conciliation,
Industrial; Capital; Capital and labor (s);
Economics; Labor and laboring classes;
Profit sharing

Refer from Economics; Industry; Labor and
capital; Labor unions; Laborers (s); Manu-
factures; People; Poor; Profit sharing; Social
problems; Sociology; Strikes and lockouts;
Wages; Wealth; Work; Working classes (s)

Labor and laboring classes — Continued
pensions; Open and closed shop; Padrone system; Peasantry; Peonage; Poor; Profit sharing; Railroads — Employees; Scientific management; Servants; Slavery; Socialism; Sociology; Standard of living; Strikes and lockouts; Sweating system; Unemployed; Villeinage; Wages; Women — Employment; Work; Workingmen's clubs; *also* names of cities, subhead Labor and laboring classes

— U. S.

See also U. S. — Social conditions

Labor and machinery *see* Machinery in industry
Labor colonies *see* Farm colonies; Penal colonies

Labor exchanges

See also Employment agencies; Unemployed

Labor laws

See also Blacklisting; Boycott; Employers' liability; Factory laws; Hours of labor; Injunctions; Mining laws

Labor legislation *see* Labor laws

Labor organizations *see* Gilds; Labor unions

Labor unions

See also Arbitration and conciliation, Industrial; Benefit societies; Blacklisting; Boycott; Combination, Industrial; Cooperation; Employers' associations; Gilds; Labor and laboring classes; Open and closed shop; Restraint of trade; Strikes and lockouts; Trade agreements; Wages

Laboratories

See also Biological laboratories

Laborers *see* Labor and laboring classes

Laborers' dwellings *see* Housing problem

Lace

See also Needlework

Laconics *see* Maxims

Lacquer

See also Japanning; Varnish and varnishing

Lacrosse

Ladies *see* Etiquet; Women

La grippe *see* Influenza

Lake District, Eng.

See also Cumberland, Eng.; Lake poets; Lancashire, Eng.; Westmoreland, Eng.

Lake dwellers and lake dwellings

See also Archaeology

Lake poets

See also English poetry; Lake District, Eng.

Refer from U. S. — Economic conditions; U. S. — Labor and laboring classes (s); U. S. — Social conditions

Refer from Arbitration and conciliation, Industrial; Employment agencies; Intelligence offices (s); Labor and laboring classes; Unemployed

Refer from Children — Law; Employers' liability; Factory laws; Government regulation of industry; Industrial betterment; Labor and laboring classes; Labor legislation (s); Law

Refer from Associations (s); Benefit societies; Boycott; Collective bargaining (s); Combination, Industrial; Commerce; Cooperation; Economics; Gilds; Labor and capital; Labor and laboring classes; Labor organizations (s); Open and closed shop; Organized labor (s); Restraint of trade; Societies; Strikes and lockouts; Trade unions (s); Trades combination (s); Unions, Labor (s); Wages; Workingmen's associations (s)

Refer from Research; Scientific research

Refer from Arts and crafts; Domestic arts; Fancy work; Manufactures; Needlework; Weaving

Refer from Arts and crafts; Varnish and varnishing; Wood finishing

Refer from Games

Refer from Cumberland, Eng.; England — Description and travel; Lake poets; Lakes; Lancashire, Eng.; Westmoreland, Eng.

Refer from Anthropology; Archaeology; Architecture, Ancient; Ethnology; Lakes; Man — Origin and antiquity

Refer from English poetry; Lake District, Eng.; Lake school (s); Lakists (s); Poets, English

Lake school *see* Lake poets

Lakes

See also Great Lakes; Inland navigation; Lake District, Eng.; Lake dwellers and lake dwellings; Physical geography; Ponds

Lakists *see* Lake poets

Lamaism

See also Buddhism; Tibet

Lamarckism *see* Evolution; Lamarck

Lamellibranchiata *see* Bivalves

Lampoons *see* Satire

Lamps

See also Electric lamps; Safety lamps

Land

See also Agriculture; Clearing of land; Deeds; Easements; Eminent domain; Farm colonies; Farms; Land grants; Land nationalization; Land tenure; Land titles; Landlord and tenant; Parks; Public lands; Real estate; Reclamation of land; Rent; School lands; Single tax; Surveying; Taxation; Unearned increment

Land banks

See also Agricultural credit; Banks and banking

Land clearing *see* Clearing of land

Land credit *see* Agricultural credit

Land drainage *see* Drainage

Land grants

See also School lands; *also* names of countries, subhead Public lands

Land nationalization

See also Communism; Land tenure; Single tax; Socialism

Land surveying *see* Surveying

Land tenure

See also Absenteeism; Commons; Eminent domain; Feudalism; Land nationalization; Land titles; Landlord and tenant; Manors; Mark (land); Mortmain; Real estate; Rent; Riparian rights; School lands; Scutage; Single tax; Taxation; Unearned increment; Village communities; Villeinage

—Ireland

See also Absenteeism

—U. S.

See also Homestead law; U. S.—Public lands

Land titles

See also Conveyancing; Deeds; Mortgages; Real estate; Sale; Torrens system

Land transfer *see* Conveyancing

Land yachts

Landlord and tenant

See also Absenteeism; Apartment houses; Eviction; Land; Rent; Tenement houses

Landmarks, Preservation of, *see* Preservation of landmarks, scenery, etc.

Landscape

See also Picturesque; Preservation of landmarks, scenery, etc.

Landscape gardening

See also Cemeteries; Evergreens; Forests and forestry; Garden ornaments and furni-

Refer from Inland navigation; Physical geography; Ponds; Water

Refer from Buddhism; Religions; Tibet

Refer from Furniture; Lighting; Petroleum

Refer from Agriculture; Economics; Landlord and tenant; Law; Property; Real estate; Rent

Refer from Agricultural banks (s); Agricultural credit; Banks and banking

Refer from Land; U. S.—Public lands

Refer from Communism; Land; Land tenure; Nationalization of land (s); Single tax; Socialism

Refer from Absenteeism; Agriculture; Economics; Inheritance; Land; Land nationalization; Real estate; Single tax; Tenure of land (s)

Refer from Absenteeism; Ireland — Land tenure (s); Irish land question (s)

Refer from U. S.—Economic conditions; U. S.—Land tenure (s)

Refer from Abstracts of title (s); Conveyancing; Deeds; Land; Land tenure; Property; Real estate; Sale; Titles (land) (s)

Refer from Sports; Yachts and yachting

Refer from Commercial law; Land; Land tenure; Law; Real estate; Rent; Tenants (s)

Refer from Esthetics; Natural scenery (s); Picturesque; Scenery (s)

Refer from Architectural gardening (s); Art; Cemeteries; Forests and forestry; Formal

ture; Gardening; Gardens; Hedges; Lawns; Municipal improvement; Parks; Pergolas; Rustic woodwork; Shrubs; Topiary work; Trees; Water gardens

Landscape painting

See also Barbizon school; Painting

Landslides

See also Avalanches

Language

See also Accent; Alliteration; Alphabet; Classical education; Conversation; Definition; Dialects; Elocution; Epithets; Etymology; Grammar; Hieroglyphics; Idioms; Literature; Names; Onomatopoeia; Phonetics; Pronunciation; Prosody; Punctuation; Rhetoric; Sign language; Slang; Speech; Spelling; Synonyms and antonyms; Translation; Transliteration; Words; Writing; *also* names of languages and groups of languages, e.g. African languages; Aryan languages; Dravidian languages; Indians — languages; Oceanic languages; Oriental languages; Romance languages; Semitic languages; Ural-Altaic languages

—Artificial

See also Bolak; Esperanto; Ido; Volapük

—Comparative philology

—Universal

See also Language, Artificial

Language of animals *see* Animals — Language

Language of flowers *see* Flower language

Langue bleue (artificial language) *see* Bolak

Langue d'oc *see* Provençal language

Langue d'oïl *see* French language

Lantern slides

See also Stereopticon

Lapidary work *see* Gems

Larceny

See also Burglary; Embezzlement; Thieves

Last judgment *see* Judgment day

Last words of famous people

Lathe work *see* Lathes; Turning

Lathes

See also Machine shop practice; Machine tools; Turning; Woodworking machinery

Latin America

See also Central America; Mexico; Monroe doctrine; South America; West Indies

Latin drama

See also Dramatists, Latin; Latin literature; Theater — Rome

Latin language [subdivided like German language]

See also Aryan languages; Romance languages

Latin literature

See also Classical literature; Latin drama; Latin language; Latin poetry

—Medieval and modern

gardening (s); Gardening; Gardens; Hedges; Municipal improvement; Parks; Planting (s); Rural architecture (s); Shrubs; Trees

Refer from Painting

Refer from Avalanches; Geology; Physical geography

Refer from Anthropology; Ethnology; Linguistics (s); Literature; Philology (s); Science; Speech; Words

Refer from Artificial language (s); International language (s); Language, Universal

Refer from Comparative philology (s)

Refer from International language (s); Universal language (s)

Refer from Stereopticon

Refer from Burglary; Crime and criminals; Shoplifting (s); Stealing (s); Theft (s); Thieving (s); Thieves

Refer from Anecdotes; Death-bed words (s); Dying words (s)

Refer from Carpentry; Lathe work (s); Machine shop practice; Machine tools; Machinery; Turning; Woodworking machinery

Refer from Central America; Mexico; South America; Spanish America (s)

Refer from Dramatists, Latin; Latin literature; Theater — Rome

Refer from Aryan languages; Classical languages (s); Latin literature

Refer from Classical literature; Latin drama; Latin poetry; Roman literature (s)

Latin poetry

See also Latin literature

Latin races

See also Aryans; Creoles

Latitude and longitude

See also Astronomy; Astronomy, Spherical and practical; Geography, Mathematical; Navigation; Nutation; Traverse tables

Latter-day saints *see* Mormons and Mormonism

Lattice

See also Grilles

Laughter

See also Humor

Launches *see* Motor boats; Steam launches

Launching**Laundry**

See also Cleaning

Laureates *see* Poets laureate

Lava

See also Igneous rocks; Volcanoes

Law

See also Acknowledgments; Actions at law; Administrators and executors; Admiralty; Adoption; Affidavits; Agency; Agricultural laws; Aliens; Allegiance; Anecdotes, Legal; Appeal; Appraising; Arbitration and award; Assignments; Asylum, Right of; Attachment; Bail; Bailments; Bankruptcy; Benefit of clergy; Blue laws; Building laws; Carriers; Chancery; Charters; Church law; Civil law; Civil rights; Commercial law; Common law; Confiscation; Constables; Constitutional law; Constitutions; Contracts; Conveyancing; Copyright; Coroners; Corporation law; Costs; County officers; Courts; Crime and criminals; Criminal law; Damages; Debt; Divorce; Domestic relations; Easements; Election laws; Eminent domain; Equity; Evidence; Extradition; Feudalism; Forms (in law); Game laws; Government; Guaranties and sureties; Guardians; Habeas corpus; Impeachment; Inheritance; Injunctions; Insurance; International law; Judges; Jurisdiction; Jury; Justice; Justices of the peace; Labor laws; Land; Landlord and tenant; Lawyers; Legacies; Legal ethics; Legislation; Libel and slander; Liens; Limitations (law); Liquor laws; Lynch law; Magistrates; Mandamus; Maritime law; Marriage; Martial law; Master and servant; Medical jurisprudence; Military law; Mining laws; Mortgages; Mortmain; Mosaic law; Municipal corporations; Municipal law; Natural law; Negligence; Negotiable instruments; Notaries; Nuisances; Pardon; Parliamentary practice; Partnership; Patents; Personal property; Petition, Right of; Pleading and practice; Police; Police power; Poor laws; Possession (in law); Powers (law); Primogeniture; Probate law and practice; Property; Prostitution; Punish-

Refer from Latin literature

Refer from Aryans; Civilization

Refer from Astronomy; Astronomy, Spherical and practical; Degrees of latitude and longitude (s); Earth; Geodesy; Geography; Geography, Mathematical; Longitude (s); Nautical astronomy; Navigation

Refer from Doors; Fret cutting (s); Grilles; House decoration; Windows

Refer from Emotions; Humor

Refer from Shipbuilding; Ships

Refer from Cleaning; Home economics; Washing (s)

Refer from Igneous rocks; Volcanoes

Refer from Civil law; Common law; Courts; Criminal law; Ethics; Government; Jurisprudence (s); Legislation; Municipal law; Pleading and practice; Professions; Science; Sociology

Law — Continued

ment; Real estate; Receivers; Rent; Restraint of trade; Riparian rights; Sale; Salic law; School laws; Sheriffs; Social contract; Sovereignty; Sumptuary laws; Survivorship; Torts; Trade-marks; Treason; Trespass; Trials; Trustees; Wager of battle; Wills; Witnesses; *also* subhead Law under countries and states, and under various subjects, e.g. Women — Law

— Study and teaching

Law of nations *see* International law

Law of nature *see* Natural law

Law of supply and demand *see* Supply and demand

Lawn tennis *see* Tennis

Lawns

See also Grasses

Lawsuits *see* Actions at law

Lawyers

See also Anecdotes, Legal; Chancellors, Lord; Chief justices; Judges; Legal ethics; Magistrates; Women as lawyers

Laziness *see* Idleness

Lead

See also Lead burning; Lead mines and mining; Lead poisoning; Metals; Pewter; Plumbing

Lead burning

See also Plumbing

Lead mines and mining

Lead poisoning

Leadership

See also Executive ability

Learned men *see* Scholars

Learned societies

See also Scientific societies; *also* names of countries and cities, subhead Learned institutions and societies

Learning *see* Culture; Education; Knowledge; Scholars

Least squares

See also Astronomy, Spherical and practical; Probabilities

Leather

See also Blacking; Chemistry, Technical; Boots and shoes; Harness; Hides and skins; Leather work; Tanning

Leather work

See also Arts and crafts

Leaves

See also Botany; Botany, Structural; Trees

Lectures and lecturing

See also Chalk talks; Lyceums; Oratory; Rhetoric

Lecturing *see* Lectures and lecturing

Refer from Legal education (s); Professional education

Refer from Gardening; Grasses; Landscape gardening

Refer from Attorneys (s); Bar (s); Barristers (s); Biography; Jurists (s); Law; Solicitors (s)

Refer from Metals

Refer from Lead; Plumbing

Refer from Lead; Mines and mineral resources

Refer from Lead; Occupations — Diseases and hygiene; Poisons

Refer from Ability; Executive ability; Success

Refer from Academies (learned societies) (s); Scientific societies; Societies

Refer from Astronomy, Spherical and practical; Errors, Theory of; Geodesy; Mathematics; Probabilities

Refer from Animal products; Boots and shoes; Chemistry, Technical; Hides and skins; Manufactures; Tanning

Refer from Arts and crafts; Fancy work; Leather

Refer from Botany; Botany, Structural; Foliage (s); Plants; Trees

Refer from Education; Entertainments; Lecturing (s); Lyceums; Oratory; Rhetoric

Left- and right-handedness

See also Ambidexterity; Hand

Lefthandedness *see* Left- and right-handedness

Leg

See also Anatomy; Artificial limbs

Legacies

See also Inheritance; Inheritance and transfer tax; Mortmain; Wills

Legal anecdotes *see* Anecdotes, Legal

Legal chemistry *see* Chemistry, Legal

Legal education *see* Law — Study and teaching

Legal ethics

Legal forms *see* Forms (in law)

Legal holidays *see* Holidays

Legal medicine *see* Medical jurisprudence

Legal tender

See also Greenbacks; Money; Paper money

Legations *see* Diplomatic and consular service

Legends

See also Animal lore; Arthurian romances; Ballads; Cross; Fables; Fairy tales; Faust; Folklore; Grail; Indians — Legends; Jesus Christ — Legends; Mary, Virgin — Legends; Mythology; Romances; Sagas; Saints; Wandering Jew

—Celtic

See also Folklore, Celtic

—Japan

See also Folklore — Japan

Legerdemain *see* Conjuring

Legislation

See also Government; Law; Legislative bodies; Lobbying; Parliamentary practice; Referendum; Veto

Legislation, Direct, *see* Referendum

Legislative bodies

See also Committees; Parliamentary practice; *also* names of legislative bodies under countries, states and cities

Legs *see* Leg

Legume inoculation *see* Soil inoculation

Leisure

Leisure class

See also Class distinction; Luxury

Lenape Indians *see* Delaware Indians

Length, Standards of, *see* Standards of length

Lenni Lenape *see* Delaware Indians

Lenses

See also Photographic optics

Lent

See also Ash Wednesday; Christian year; Easter; Fasts and feasts; Good Friday; Holy week

Lepers *see* Leprosy

Refer from Ambidexterity; Habit; Hand; Lefthandedness (s); Psychology, Physiological; Right-handedness (s); Righthandedness (s)

Refer from Anatomy; Legs (s)

Refer from Bequests (s); Inheritance; Law; Wills

Refer from Ethics; Ethics, Legal (s); Law; Lawyers; Professional ethics (s)

Refer from Bank notes; Coinage; Fiat money (s); Greenbacks; Money; Paper money

Refer from Ballads; Fiction; Folklore; Literature; Mythology; Romances; Saints; Stories (s); Superstition; Traditions (s)

Refer from Celtic legends (s); Celts; Folklore, Celtic

Refer from Folklore — Japan; Japan — Legends (s); Japanese legends (s)

Refer from Government; Law

Refer from Committees; Constitutional law; Government; Legislation; Parliamentary practice; Representative government and representation

Refer from Conduct of life; Simple life

Refer from Class distinction; Economics; Labor and laboring classes; Luxury; Privileged classes; Social ethics; Sociology; Wealth

Refer from Aberration; Optical instruments; Photographic optics; Photography; Spectacles

Refer from Ash Wednesday; Catholic church; Christian year; Easter; Fasting; Fasts and feasts; Good Friday; Holy week

Lepidoptera

See also Butterflies; Caterpillars; Insects; Moths

Leprosy

Refer from Butterflies; Caterpillars; Insects; Moths

Refer from Lepers (s); Medicine — Practice; Skin — Diseases

Letter writing

See also Commercial correspondence; Etiquet; Rhetoric

Refer from Composition (English); Composition (rhetoric) (s); Correspondence (s); Etiquet; Rhetoric; Writing

Lettering

See also Illumination of manuscripts and books; Monograms; Sign painting

Refer from Alphabet; Alphabets (s); Decoration and ornament; Design, Decorative; Illumination of manuscripts and books; Initials; Mechanical drawing; Monograms; Ornamental alphabets (s); Painting, Mechanical; Penmanship; Sign painting; Writing

Letters

—American

Refer from Correspondence (s); Literature

Refer from American letters (s); American literature

—English

Letters (of the alphabet) *see* Alphabet

Letters of marque *see* Privateering

Letters patent *see* Patents

Leucopathy *see* Albinos and albinism

Levant

See also Asia Minor; East; Palestine; Turkey

Refer from Asia; Asia Minor; East; Palestine; Turkey

Levees *see* Embankments

Leveling *see* Surveying

Lewis and Clark expedition

Refer from Louisiana purchase; Missouri River; U. S.— Exploring expeditions; Western states

Lexicons *see* Dictionaries; *also* names of languages and subjects, subhead Dictionaries

Liability, Employers', *see* Employers' liability

Libel and slander

See also Liberty of speech; Liberty of the press; Torts

Refer from Calumny (s); Damages; Defamation (s); Journalism; Law; Liberty of speech; Liberty of the press; Slander (s); Torts

Liberalism

See also Modernism; Unitarianism

Refer from Government; Politics; Theology; Unitarianism

Liberty

See also Anarchism and anarchists; Assembly, Right of; Democracy; Equality; Free institutions; Liberty of conscience; Liberty of speech; Liberty of the press; Natural law; Religious liberty; Slavery

Refer from Civil liberty (s); Democracy; Despotism; Equality; Ethics; Free institutions; Freedom (s); Government; People; Personal liberty (s); Philosophy; Religious liberty

Liberty of conscience

See also Church and state; Dissenters; Heresy; Persecution; Private judgment; Public opinion; Religious liberty

Refer from Church and state; Church polity; Conscience; Ethics; Free religion; Heresy; Intolerance (s); Liberty; Persecution; Private judgment; Religious liberty; Theology; Toleration (s)

Liberty of speech

See also Assembly, Right of; Libel and slander; Liberty of the press

Refer from Assembly, Right of; Free speech (s); Libel and slander; Liberty; Liberty of the press; Speech

Liberty of the press

See also Journalism; Libel and slander; Liberty of speech; Newspapers; Prohibited books; Public opinion

Refer from Censorship of the press (s); Freedom of the press (s); Journalism; Libel and slander; Liberty; Liberty of speech; Newspapers; Periodicals; Press (s); Prohibited books

Liberty of the will *see* Freedom of the will

Librarians

See also Library administration
Librarianship *see* Library administration;
Library science

Libraries

See also Bibliography; Book clubs; Book collecting; Books; Books and reading; Catalogs, Library; Fiction in libraries; Home libraries; Librarians; Mechanics' institutes; Medical libraries; Reference books; School libraries; Shelving (for books); Sunday school libraries; Taxation, Exemption from; *also* headings beginning Libraries and Library, names of libraries, and names of cities, subhead Libraries

—Children's

See also Children's literature; Libraries and schools; School libraries

—College

—Home, *see* Home libraries
—Medical, *see* Medical libraries

—Municipal reference

—Private

See also Book collecting

—Public

—School, *see* School libraries
—Sunday school, *see* Sunday school libraries

—Traveling

See also Library post

—U. S.

—University, *see* Libraries, College
Libraries and children *see* Libraries, Children's
Libraries and fiction *see* Fiction in libraries

Libraries and pictures

Libraries and schools

See also Children's literature; Libraries, Children's; School libraries

Library administration

See also Fiction in libraries; Library science

Library architecture

See also Shelving (for books)

Library buildings *see* Library architecture

Library bulletins

Library catalogs *see* Catalogs, Library

Library commissions

Library economy *see* Library science

Library fittings and supplies

See also Shelving (for books)

Library laws

Library post

See also Parcels post

Library schools and training

Library science

See also Bibliography; Bookbinding; Cataloging; Classification; Libraries; Librarianship; Library administration; Library bulletins; Library schools and training

Refer from Biography; Libraries

Refer from Bibliography; Books; Books and reading; Circulating libraries (s); Education; Library science; Literature

Refer from Child study; Children; Children's libraries (s); Children's literature; Libraries and children (s); Libraries and schools; Schools and libraries (s)

Refer from College libraries (s); Libraries, University (s); University libraries (s)

Refer from Municipal reference libraries (s)

Refer from Book collecting; Private libraries (s)

Refer from Public libraries (s)

Refer from Traveling libraries (s)

Refer from U. S.—Libraries (s)

Refer from Pictures

Refer from Children's literature; Education; Libraries, Children's; Public schools; School libraries; Schools; Schools and libraries (s)

Refer from Librarians; Librarianship (s); Library science

Refer from Architecture; Library buildings (s); Public buildings

Refer from Advertising; Bulletins, Library (s); Library science

Refer from Furniture

Refer from Libraries, Traveling; Parcels post; Postal service

Refer from Library science; Library training (s); Professional education

Refer from Cataloging; Classification; Librarianship (s); Library administration; Library economy (s); Professions

Library training *see* Library schools and training

Librettos *see* Opera — Librettos

License system *see* Liquor laws; Liquor traffic

Lichens

See also Cryptogams

Liens

See also Attachment; Mortgages

Lies *see* Lying

Life [for use when neither Biology nor Conduct of life is applicable]

See also Animism; Biology; Christian life and character; Conduct of life; Death; Ethics; Future life; Hygiene; Longevity; Man; Philosophy; Spiritual life; Standard of living; Vital statistics; Vitalism

— **Origin**

See also Biology; Spontaneous generation

Life-boats *see* Lifeboats

Life in other worlds *see* Plurality of worlds

Life insurance *see* Insurance, Life

Life-saving

See also Accidents; Beacons; Drowning; Firemen; Fires; First aid in illness and injury; Lifeboats; Lighthouses; Lightning conductors; Safety devices; Shipwrecks

Lifeboats

Lifts *see* Elevators; Hoisting machinery

Light

See also Aberration; Absorption of light; Color; Color blindness; Diffraction; Ether (of space); Eye; Heliotropism; Interference (light); Lighting; Magneto-optics; N rays; Optical illusions; Optical instruments; Perspective; Phosphorescence; Photochemistry; Photography; Photometry; Phototherapy; Physics; Polarization (light); Radiation; Radioactivity; Rainbow; Reflection (light); Refraction; Sight; Spectra; Spectrum analysis; Sun; X rays; Zodiacal light

Light cure *see* Phototherapy

Light operas *see* Operettas

Lighthouses

See also Beacons

Lighting

See also Acetylene; Candles; Car heating, lighting and ventilation; Electric lighting; Gas; Gas lighting; Incandescent gas-lighting; Lamps; Lighthouses; Petroleum; Photometry; *also* names of cities, subhead Lighting

Lightning

See also Atmospheric electricity; Electricity; Lightning conductors; Thunderstorms

Lightning conductors

Lightning rods *see* Lightning conductors

Lignite

See also Briquets; Coal

Refer from Cryptogams; Mosses

Refer from Attachment; Assignments; Bailments; Commercial law; Incumbrances (s); Law; Mechanics' liens (s); Property; Real estate

Refer from Conduct of life; Ethics; Man; Metaphysics; Philosophy

Refer from Biology; Evolution; Origin of life (s)

Refer from Accidents; Drowning; Shipwrecks

Refer from Boats and boating; Life-boats (s); Life-saving; Navigation; Shipwrecks

Refer from Aberration; Absorption of light; Color; Diffraction; Eye; Interference (light); Optics (s); Photometry; Physics; Radiation; Reflection (light); Refraction; Senses and sensation; Spectra; Vibration; Waves

Refer from Beacons; Civil engineering; Hydraulic engineering; Life-saving; Lighting; Navigation

Refer from Illumination (s); Light; Municipal improvement; Street lighting (s)

Refer from Accidents; Atmospheric electricity; Electricity; Meteorology; Thunderstorms

Refer from Electric conductors; Life-saving; Lightning; Lightning rods (s); Safety devices

Refer from Coal; Fuel

Lilies

See also Floriculture

Lily *see* Lilies

Lime

See also Cement

Limericks

See also Nonsense verse

Limestone

See also Building stones; Chalk; Marble

Limitations (law)

See also Possession (in law)

Limnobiology *see* Fresh-water life

Linen

See also Fibers; Flax; Hemp; Textile industry and fabrics

Linguistics *see* Language

Link motion

See also Mechanical movements; Valves and valve gears

Linoleum

Linotype *see* Typesetting machines

Lions

See also Carnivora

Lip reading

See also Deaf and dumb

Liquefaction of gases

See also Chemistry, Physical; Liquid air

Liqueurs *see* Liquors

Liquid air

See also Chemistry, Physical; Liquefaction of gases

Liquid fuel

See also Alcohol, Denatured; Gas and oil engines; Gasoline; Petroleum

Liquids

See also Boiling points; Capillarity; Fluids; Hydraulics; Hydrodynamics; Hydrostatics; Jets; Liquid air; Liquid fuel; Soap bubbles; Solution (chemistry); Splashes; Viscosity

Liquor habit *see* Alcoholism; Liquor problem

Liquor laws

See also Dispensary system; Gothenburg system; Internal revenue laws; Liquor traffic; Local option; Prohibition

Liquor problem

See also Alcoholism; Canteens (army); Liquor laws; Liquor traffic; Local option; Prohibition; Temperance

Liquor traffic

See also Brewing; Canteens (army); Dispensary system; Gothenburg system; Liquor laws; Liquor problem; Local option; Prohibition; Temperance

Liquors

See also Adulterations; Alcohol; Ale; Beer; Beverages; Brandy; Brewing; Distillation; Fermentation; Kumiss; Temperance; Wine

Refer from Floriculture; Flowers; Lily (s)

Refer from Cement; Fertilizers and manures

Refer from Humor; Nonsense verse

Refer from Building stones; Chalk; Rocks

Refer from Actions at law; Debt; Law; Possession (in law); Statute of limitations (s)

Refer from Fibers; Flax; Hemp; Textile industry and fabrics

Refer from Mechanical movements; Steam engines; Valves and valve gears

Refer from Carpets; Floors; Manufactures

Refer from Carnivora; Hunting

Refer from Deaf and dumb; Speech

Refer from Chemistry, Physical; Gases; Heat; Liquid air; Physics

Refer from Air; Air, Liquid (s); Chemistry, Physical; Liquefaction of gases; Liquids; Physics; Refrigeration and refrigerating machinery

Refer from Fuel; Gas and oil engines; Liquids; Marine engines; Petroleum

Refer from Capillarity; Fluids; Mechanics; Physics

Refer from High license (s); Law; License system (s); Liquor problem; Liquor traffic; Local option; Prohibition; Temperance

Refer from Alcohol; Alcoholism; Drink question (s); Drunkenness (s); Inebriates (s); Intemperance (s); Intoxication (s); Liquor habit (s); Liquor traffic; Local option; Prohibition; Saloons (s); Social problems; Temperance

Refer from Alcohol; High license (s); License system (s); Liquor laws; Liquor problem; Saloons (s); Temperance

Refer from Adulterations; Agricultural products; Alcohol; Ale; Beer; Beverages; Brandy; Brewing; Distillation; Drink (s); Food; Intoxicants (s); Liqueurs (s); Manufactures;

Spirituos liquors(s); Stimulants; Temperance;
Wine

Litanies

See also Liturgies

Literary blunders *see* Errors and blunders
Literary

Literary collaboration *see* Collaboration

Literary criticism *see* Criticism; Literature —
History and criticism

Literary forgeries and mystifications

See also Errors and blunders, Literary;
Plagiarism; Shakespeare, William — For-
geries

Literary frauds *see* Literary forgeries and
mystifications

Literary history *see* Bibliography; Literature
— History and criticism

Literary men *see* Authors; Students

Literary property *see* Copyright

Literary societies

See also Study clubs

Literature

See also Allegories; Allusions; Anagrams;
Anecdotes; Art in literature; Authors;
Authorship; Ballads; Bestiaries; Bible —
Literary character; Bibliography; Books;
Books and reading; Booksellers and book-
selling; Catholic literature; Chapbooks;
Children in literature and art; Children's
literature; Classicism; Commonplace books;
Copyright; Criticism; Dialogues; Drama;
Editorials; Emblems; Epigrams; Epitaphs;
Errors and blunders, Literary; Essays; Es-
thetics; Fables; Fairy tales; Fiction; Folk-
lore; Horn books; Humanism; Humor;
Hymns; Idealism in literature; Indexes;
Inscriptions; Journalism; Language; Le-
gends; Letters; Libraries; Literary forgeries
and mystifications; Manuscripts; Maxims;
Mottoes; Naturalism in literature; Nature
in literature; Newspapers; Orations; Para-
dies; Periodicals; Plagiarism; Plots (drama,
novel, etc.); Poetry; Printing; Prose; Prov-
erbs; Publishers and publishing; Quota-
tions; Readers; Realism in literature; Reci-
tations and readings; Religious literature;
Renaissance; Rhetoric; Riddles; Romances;
Romanticism; Sacred books; Sagas; Satire;
Sermons; Short stories; Symbolism in litera-
ture; Tracts; Translation; Women in litera-
ture and art; *also* names of literatures and
groups of literatures, e.g. American literature;
Celtic literature; Classical literature; English
literature; European literature; Oriental
literature; Romance literature; Scandinavian
literature; Slavic literature

— **Collections**

See also Recitations and readings

— **History and criticism**

See also Book reviews; Criticism

— **Immoral**

— **Medieval, see** Middle ages — Literature

Refer from Liturgies; Prayers; Worship

Refer from Errors and blunders, Literary;
Forgeries (s); Forgery; Frauds, Literary (s);
Imposture; Literary frauds (s); Literature;
Plagiarism

Refer from Societies; Study clubs

Refer from Authors; Belles-lettres (s);
Bibliography; Books; Books and reading;
Drama; European literature; Language; Poet-
ry; Prose

Refer from Recitations and readings

Refer from Appraisal of books (s); Book
reviews; Books — Appraisal (s); Criticism;
Evaluation of literature (s); Literary criti-
cism (s); Literary history (s)

Refer from Ethics; Immoral literature (s)

Literature — Continued

—Study and teaching

Lithography

See also Chromolithography; Engraving; Photolithography; Zincography
Lithology *see* Rocks

Lithozincography *see* Zincography

Littoral rights *see* Riparian rights

Liturgies

See also Breviaries; Church services; Hymns; Litanies; Mass; Missals; Prayer books; Prayers; Responsive worship; Rites and ceremonies; Ritualism; Worship; *also* names of churches, e.g. Catholic church — Liturgy and ritual, Church of England — Liturgy and ritual

Live stock

See also Barns and stables; Breeding; Cattle; Cowboys; Cows; Domestic animals; Feeding and feeding stuffs; Grazing; Horse; Insurance, Casualty; Oxen; Poultry; Sheep; Swine; Veterinary medicine

—Transportation, *see* Animals — Transportation

Liver

See also Digestive system; Glands

Livery

Lives *see* Biography; *also* names of individuals and classes of persons

Living, Cost of, *see* Cost of living

Living, Standard of, *see* Standard of living

Living expenses *see* Cost of living

Loadstone *see* Lodestone

Loan associations *see* Building and loan associations

Loans

See also Debt; Finance; Interest; Investments; Mortgages; Repudiation; Securities

Lobbying

See also Political corruption

Local government

See also Boroughs; Cities; Coroners; County officers; Gilds; Home rule; Municipal government; Town meeting; Town officers; Towns; Village communities; Villages

Local option

See also Liquor laws; Liquor problem; Prohibition

Lockjaw *see* Tetanus

Lockouts *see* Strikes and lockouts

Locks (canals) *see* Canals — Locks

Locks and keys

Locomotion

See also Aeronautics; Animal locomotion; Automobiles; Boats and boating; Carriages; Coaches and coaching; Cycling; Driving; Flight; Horsemanship; Navigation; Rowing; Running; Sailing; Skating; Transportation; Travel; Walking

Refer from Art; Chromolithography; Engraving

Refer from Breviaries; Church ceremonies (s); Church music; Church services; Devotional exercises; Litanies; Missals; Prayer books; Prayers; Religious services (s); Responsive worship; Rites and ceremonies; Ritual (s); Service-books (s); Worship

Refer from Agriculture; Animal industry (s); Breeding; Cattle; Domestic animals; Farm animals (s); Feeding and feeding stuffs; Horse; Oxen; Sheep; Stock breeding (s); Stock farming (s); Stock raising (s); Swine

Refer from Abdomen; Digestive system; Glands; Viscera

Refer from Costume; Gilds; Servants; Uniforms

Refer from Commerce; Credit; Debt; Debts, Public; Finance; Investments

Refer from Legislation; Political corruption; Politics

Refer from Boroughs; County officers; Government; Municipal government; Self-government (s); State governments; Town meeting; Towns; Village communities; Villages

Refer from County option (s); Liquor laws; Liquor problem; Liquor traffic; Prohibition; Temperance

Refer from Hardware; Keys (s)

Refer from Motion

Locomotives

See also Electric locomotives; Railroads; Steam engines; Traction engines

Refer from Engines; Machinery; Mechanical engineering; Motors; Railroads; Railroads — Equipment and supplies; Railroads — Rolling stock; Steam engines

Locusts

See also Cicadas; Orthoptera

Refer from Grasshoppers (s); Insects, Injurious and beneficial; Orthoptera

Lodestone

Refer from Iron ores; Loadstone (s); Magnetism; Magnetite (s)

Lodging houses

See also Hotels

Refer from Apartment houses; Hotels; Housing problem; Tenement houses

Log cabins

Refer from Architecture, Domestic; Cabins, Log (s); Cottages

Logarithms

See also Functions; Mathematics — Tables, etc.; Slide rule; Surveying; Trigonometry

Refer from Algebra; Mathematics — Tables, etc.; Surveying; Tables, Mathematical (s); Trigonometry

Logging *see* Lumber and lumbering

Logic

See also Analogy; Certainty; Debating; Evidence; Fallacies; Probabilities; Reason

Refer from Argument (s); Debating; Dialectics (s); Evidence; Fallacies; Induction (logic) (s); Intellect; Philosophy; Probabilities; Proof (s); Psychology; Reason; Reasoning (s); Science; Syllogisms (s); Thought and thinking

Lollards

Refer from England — Religious history; Sects

Longevity

See also Old age; Vital statistics

Refer from Age; Aged (s); Biology; Centenarians (s); Hygiene; Life; Man; Old age; Pathology; Physiology

Longitude *see* Latitude and longitude

Looking-glasses *see* Mirrors

Looms

See also Weaving

Refer from Machinery; Textile factories; Weaving

Lord chancellors *see* Chancellors, Lord

Lord's prayer

See also Bible — New Testament — Matthew; Bible — New Testament — Luke

Refer from Bible; Bible — New Testament — Matthew; Bible — New Testament — Luke; Devotional exercises; Prayer; Prayers

Lord's supper

See also Church membership; Close communion; Jesus Christ; Mass; Passover; Sacraments; Transubstantiation

Refer from Altars; Christian antiquities; Church membership; Church polity; Close communion; Communion (s); Confirmation; Devotional exercises; Eucharist (s); Jesus Christ; Mass; Passover; Real presence (s); Sacraments; Theology; Transubstantiation

Lost tribes of Israel *see* Jews — Lost tribes

Lotteries

See also Probabilities

Refer from Crime and criminals; Ethics; Gambling

Lotus

Refer from Egypt — Religion; Flowers

Louisiana purchase

See also Lewis and Clark expedition; Mississippi Valley; U. S. — History — 1783-1812

Refer from U. S. — Annexations; U. S. — History — 1783-1812

Louvre

See also Paris — Galleries and museums

Refer from Art — Galleries and museums; Palaces; Paris — Galleries and museums

Love

See also Charity; Courtship; Friendship; Jealousy; Love poetry; Marriage; Mothers

Refer from Affection (s); Charity; Courtship; Emotions; Ethics; Friendship; Jealousy; Marriage; Women

Love, Courts of, *see* Courts of love

Love poetry

Low German language

See also Dutch language; Flemish language; Germanic languages; Old Saxon language

Lower Silurian period *see* Geology, Stratigraphic — Ordovician

Loyalists, American

See also U. S.—History — Revolution

Loyalty

See also Patriotism

Lubricants *see* Lubrication and lubricants

Lubrication and lubricants

See also Bearings (machinery); Friction; Oils and fats

Lucerne (plant) *see* Alfalfa

Luck *see* Chance; Fate and fatalism; Success

Luddites

See also Machinery in industry

Luggage *see* Baggage

Lullabies

Lumber and lumbering

See also Forests and forestry; Sawmills; Timber; Woodworking machinery

Lumbering *see* Lumber and lumbering

Luminiferous ether *see* Ether (of space)

Lunacy *see* Insanity

Lunar eclipses *see* Eclipses

Lunar theory *see* Moon

Lunatic asylums *see* Insane hospitals

Luncheons

See also Cookery; Menus; Sandwiches; School lunches

Lungs

See also Auscultation; Breathing; Cough; Pneumonia; Respiratory organs; Tuberculosis

Lutheran church

See also Germany — Religious history; Reformation — Germany

Luxations *see* Dislocations

Luxury

See also Consumption (economics); Leisure class; Standard of living; Sumptuary laws; Wealth

Lycanthropy *see* Werwolves

Lyceums

See also Lectures and lecturing

Lying

See also Equivocation; Truth

Lynch law

See also Vigilance committees

Refer from Love; Poetry; Poetry of love (s)

Refer from German language — Dialects; Germanic languages; Old Saxon language; Plattdeutsch (s)

Refer from American loyalists (s); Biography; Tories, American (s); United empire loyalists (s); U. S.—Biography; U. S.—History—Revolution

Refer from Conduct of life; Ethics; Fidelity (s); Patriotism

Refer from Bearings (machinery); Friction; Grease (s); Lubricants (s); Machinery; Mechanical engineering; Oils and fats

Refer from Labor and laboring classes — England; Machinery in industry

Refer from Cradle songs (s); Folk songs; Slumber songs (s); Songs

Refer from Clearing of land; Forest products; Forests and forestry; Logging (s); Lumbering (s); Timber; Trees; Wood

Refer from Cookery; Eating; Entertaining; Home economics; Meals (s); Menus; Table

Refer from Breathing; Chest; Pneumonia, Respiratory organs; Tuberculosis

Refer from Evangelical Lutheran church (s); Germany — Religious history; Reformation — Germany; Sects

Refer from Economics; Leisure class; Standard of living; Wealth

Refer from Education; Lectures and lecturing

Refer from Equivocation; Ethics; Falsehood (s); Lies (s); Truth

Refer from Capital punishment; Crime and criminals; Crowds; Law; Lynching (s); Mobs (s); Riots; Vigilance committees

Lynching *see* Lynch law

Lyric poetry

See also Ballads; Hymns; Minnesingers; Odes; Songs; Sonnets

Macadamized roads *see* Roads, Macadamized

Macaronic verse

Machine design

See also Bearings (machinery); Belting; Bolts and nuts; Cams; Chains; Drafting room practice; Gearing; Machine shop practice; Machinery; Mechanical drawing; Mechanical movements; Screws

Machine guns *see* Guns

Machine shop management

See also Machine shop practice; Scientific management

Machine shop practice

See also Drafting room practice; Drilling (perforating); Dynamos; Engines; Forging; Foundry work; Grinding and polishing; Lathes; Machine design; Machine shop management; Machine tools; Machinery; Mechanical engineering; Pattern making; Planing machines; Sheet-metal work; Welding

Machine shops

See also Machine shop management; Machine shop practice

Machine tools

See also Abrasives; Drilling (perforating); Electric driving; Grinding and polishing; Lathes; Machine shop practice; Milling machines; Planing machines; Punching machinery; Screw machines; Tool steel

Machinery

See also Bearings (machinery); Belting; Calculating machines; Conveying machinery; Cranes, derricks, etc.; Cranks (machinery); Electric engineering; Electric machinery; Engineering; Engines; Excavating machinery; Fans, Mechanical; Farm implements and machinery; Friction; Gearing; Hoisting machinery; Hydraulic engineering; Hydraulic machinery; Inventions; Kinematics; Lathes; Locomotives; Looms; Lubrication and lubricants; Machine design; Machine shop practice; Machine tools; Machinery in industry; Manufactures; Mechanical engineering; Mechanical movements; Mechanics; Milling machines; Mills and millwork; Mining machinery; Motors; Patents; Pattern making; Planing machines; Power transmission; Printing presses; Pulleys; Pumps; Refrigeration and refrigerating machinery; Screw machines; Screws; Sewing machines; Shafting; Steam engines; Tabulating machines; Timekeepers; Tools; Typesetting machines; Valves and valve gears; Water wheels; Wheels; Windmills; Woodworking machinery

Machinery in industry

See also Luddites

Refer from Ballads; Odes; Poetry; Songs; Sonnets

Refer from Humor; Poetry

Refer from Bearings (machinery); Belting; Bolts and nuts; Cams; Chains; Design, Machine (s); Drafting room practice; Gearing; Machine shop practice; Machinery; Mechanical drawing; Mechanical engineering; Mechanical movements; Mechanics, Applied; Screws

Refer from Machine shop practice; Machine shops; Management of factories, shops, etc. (s); Scientific management; Shop management (s); Works management (s)

Refer from Drilling (perforating); Grinding and polishing; Industrial arts; Lathes; Machine design; Machine shop management; Machine shops; Machine tools; Machinery; Mechanical engineering; Shop practice (s)

Refer from Architecture; Shops (s)

Refer from Lathes; Machine shop practice; Machinery; Mechanical engineering; Milling machines; Planing machines; Screw machines; Tools

Refer from Engineering; Industrial arts; Instruments; Machine design; Machine shop practice; Machines (s); Manual training; Manufactures; Mechanical engineering; Mechanical movements; Mechanics; Mechanism (s); Mills and millwork; Motors; Power; Power transmission; Tools; Wheels

Refer from Industry; Labor and laboring classes; Labor and machinery (s); Luddites; Machinery; Manufactures

Machines *see* Machinery

Madness *see* Insanity

Madonna *see* Mary, Virgin; Madonnas

Madonnas

See also Christian art and symbolism

Maffia *see* Mafia

Mafia

See also Camorra; Sicily

Magazines *see* Periodicals

Magi

Magic

See also Conjuring; Evil eye; Occult sciences; Witchcraft

Magic lantern *see* Stereopticon

Magic squares

Magistrates

See also Judges; Justices of the peace; Kings and rulers; Monarchy

Magna charta

Magnetic needle *see* Compass

Magnetic observations *see* Magnetism, Terrestrial — Observations

Magnetic separation of ores

Magnetic surveys *see* Magnetism, Terrestrial — Observations

Magnetic variations *see* Magnetism, Terrestrial

Magnetism

See also Animal magnetism; Compass; Diamagnetism; Electricity; Electromagnets; Lodestone; Magnetic separation of ores; Magneto-optics; Physics

— Terrestrial

See also Auroras; Compass

— Observations

Magnetite *see* Lodestone

Magneto-optics

See also Electrons; Polarization (light)

Magyar language *see* Hungarian language

Magyar literature *see* Hungarian literature

Mahommedanism *see* Mohammedanism

Mahrattas

See also Ethnology — India

Mail *see* Postal service

Mail order business

See also Advertising

Maize *see* Corn

Majolica

See also Pottery

Refer from Art; Christian art and symbolism; Jesus Christ in art; Madonna (s); Mary, Virgin; Mary, Virgin, in art (s); Paintings; Virgin Mary in art (s)

Refer from Camorra; Crime and criminals; Maffia (s); Secret societies; Sicily

Refer from Christmas; Jesus Christ — Birth; Wise men of the East (s)

Refer from Conjuring; Demonology; Illusions and hallucinations; Necromancy (s); Occult sciences; Superstition; Witchcraft

Refer from Mathematical recreations; Numbers; Squares, Magic (s)

Refer from Government; Judges; Law; Lawyers

Refer from Charters; England — Constitution; England — History — Plantagenets

Refer from Electrometallurgy; Magnetism; Metallurgy; Ore treatment

Refer from Diamagnetism; Electricity; Paramagnetism (s); Physics

Refer from Auroras; Compass; Earth; Magnetic variations (s); Physical geography; Terrestrial magnetism (s)

Refer from Magnetic observations (s); Magnetic surveys (s); Observations, Magnetic (s)

Refer from Light; Magnetism; Polarization (light)

Refer from Ethnology — India; India; Marathas (s)

Refer from Advertising; Business; Department stores

Refer from Pottery

Make-up, Theatrical

See also Acting; Cosmetics

Making-up, Theatrical, *see* Make-up, Theatrical

Malacology *see* Mollusks

Malaria

See also Mosquitoes

Malarial fever *see* Malaria

Malays

See also Head-hunters

Malpractice

Malt

See also Beer; Brewing

Malta, Knights of

Refer from Acting; Actors; Amateur theatricals; Cosmetics; Making-up, Theatrical (s); Stage make-up (s); Theater; Theatrical make-up (s)

Refer from Ague (s); Chills and fever (s); Fever; Hygiene, Public; Malarial fever (s); Mosquitoes; Pathology

Refer from Ethnology

Refer from Medical jurisprudence; Medicine — Practice

Refer from Ale; Beer; Brewing; Enzymes

Refer from Chivalry; Hospitallers (s); Knights and knighthood; Knights hospitaliers (s); Knights of Malta (s); Knights of Rhodes (s); Knights of St. John of Jerusalem (s); Order of Malta (s); Order of St. John of Jerusalem (s); Religious orders; St. John of Jerusalem, Order of (s); Secret societies

Refer from Population

Refer from Bats; Carnivora; Cetacea; Elephants; Insectivora; Marsupialia; Primates; Quadrupeds; Rodents; Ungulata; Vertebrates; Zoology

Refer from Elephants; Paleontology

Refer from Anthropology; Civilization; Ethnology; History; Human race (s); Life; Men; Natural history; Philosophy; Physiology; Primates; Sociology; Zoology

Malthusianism

See also Population

Mammals

See also Carnivora; Cetacea; Fur-bearing animals; Insectivora; Marsupialia; Primates; Quadrupeds; Rodents; Ungulata; Vertebrates; Zoology; *also* names of mammals, e.g. Bats, Elephants, Seals (animals)

Mammoths

See also Paleontology

Man

See also Anatomy; Anthropogeography; Anthropology; Anthropometry; Archaeology; Cannibalism; Civilization; Color of man; Creation; Dwarfs; Environment; Ethics; Ethnology; Eugenics; Evolution; Family; Folklore; Future life; Giants; Heredity; History; Hygiene; Life; Longevity; Manners and customs; Men; Monsters; Paleontology; Phrenology; Physiognomy; Physiology; Psychology; Race problems; Religion; Savages; Sex; Sociology; Soul; Vital statistics; Women; *also* names of races

—Antiquity, *see* Man — Origin and antiquity

—Natural history, *see* Anthropology

—Origin and antiquity

See also Anatomy, Comparative; Archaeology; Cave dwellers; Creation; Evolution; Geology; Glacial period; Industries, Primitive; Lake dwellers and lake dwellings; Missing link; Stone age

Man with the iron mask *see* Iron Mask

Management of children *see* Children — Management

Management of factories, shops, etc., *see* Factory management; Machine shop management; Scientific management

Refer from Anatomy, Comparative; Antiquity of man (s); Archaeology; Creation; Evolution; Geology; Glacial period; Man — Antiquity (s); Origin of man (s); Preadamites (s); Prehistoric man (s); Primitive man (s); Stone age

Mandamus

Maneuvers, Military, *see* Military maneuvers

Manganese

See also Metals

Mania *see* Insanity

Manicheism

See also Philosophy, Persian

Manicuring

Manly exercise *see* Gymnastics; Physical education; Sports

Manners *see* Courtesy; Etiquet

Manners and customs

See also Amusements; April fools' day; Archaeology; Bohemianism; Burial; Cannibalism; Caste; Costume; Drinking customs; Dueling; Eating; Ethnology; Etiquet; Folklore; Funeral rites and ceremonies; Halloween; Holidays; Kissing; Marriage customs and rites; Mourning customs; National characteristics; Ordeals; Punishment; Rites and ceremonies; Salutations; Slang; Society; Tattooing; Tipping; Toasts; Valentine's day; Vendetta; *also* names of countries and cities, subhead Social life and customs

Manoeuvres, Military, *see* Military maneuvers

Manors

See also Feudalism

Mantels

See also Fireplaces

Manual training

See also Arts and crafts; Basketwork; Busy work; Cardboard construction; Carpentry; Drawing; Handicraft; Industrial education; Machinery; Modeling; Needlework; Paper work; Technical education; Trade schools; Weaving; Wood carving; Woodwork

Manufacturers**Manufactures**

See also Automobiles; Beverages; Boots and shoes; Box making; Buttons; Cables; Candles; Carriages; Cars; Chains; Chemistry, Technical; Clocks and watches; Clothing; Commerce; Confectionery; Cooperage; Cost accounting; Cutlery; Explosives; Factories; Factory system; Flour and flour mills; Fuel; Furniture; Gas; Glass manufacture; Hardware; Harness; Hats; Industrial arts; Iron industry; Labor and laboring classes; Lace; Leather; Linoleum; Liquors; Machinery; Machinery in industry; Manufacturers; Matches; Metal work; Metals; Mills and millwork; Paper; Patents; Pens; Perfumery; Pins and needles; Pottery; Prices; Receipts; Rope; Rubber; Scientific management; Soap; Stationery; Steel industry; Sweating system; Technology; Textile industry and fabrics; Timekeepers; Tobacco — Manufacture and trade; Trade-marks; Tubes; Waste products; *also* names of countries and states, subhead Industries and resources, and names of cities, subhead Industries

Refer from Law

Refer from Metals

Refer from Dualism; Philosophy; Philosophy, Persian; Theology

Refer from Hand; Toilet

Refer from Anthropology; Archaeology; Ceremonies (s); Civilization; Customs (s); Ethics; Ethnology; Etiquet; Folklore; Man; Rites and ceremonies; Social life and customs (s); Sociology; Usages (s)

Refer from Feudalism; Land tenure; Middle ages

Refer from Fireplaces; House decoration

Refer from Arts and crafts; Education; Handicraft; Industrial arts; Industrial education; Slojd (s); Sloyd (s); Technical education; Woodwork

Refer from Biography; Manufactures

Refer from Business; Commerce; Commercial geography; Commercial products; Economics; Industrial arts; Machinery; Mills and millwork; Technology; Useful arts (s)

Manures *see* Fertilizers and manures

Manuscripts

See also Archives; Charters; Illumination of manuscripts and books; Inscriptions; Paleography; Parchment; Writing

Maoris

See also Ethnology — New Zealand; New Zealand — History

Map drawing [elementary]

See also Topographical drawing

Maps

See also Atlases; Charts; Globes; Map drawing; Road maps; *also* names of countries, subhead Description and travel — Maps, and names of cities, subhead Description — Maps

Marathas *see* Mahrattas

Marble

See also Building stones

Marbling

Marches (exercise) *see* Drills and marches

Marches (music)

Marconigrams *see* Wireless telegraphy

Marine architecture *see* Shipbuilding

Marine biology

See also Algae; Aquatic plants; Dredging; Marine zoology; Plankton

Marine boilers *see* Boilers, Marine

Marine botany *see* Algae; Aquatic plants

Marine engineering

See also Boilers, Marine; Marine engines; Propellers; Shipbuilding; Steam navigation; Steam turbines

Marine engines

See also Boilers, Marine; Gas and oil engines; Liquid fuel; Marine engineering; Steam engines; Steam turbines

Marine fauna *see* Marine zoology

Marine flora *see* Algae; Aquatic plants

Marine hospitals *see* Hospitals, Naval and marine

Marine insurance *see* Insurance, Marine

Marine law *see* Maritime law

Marine life *see* Marine biology; Seafaring life

Marine painting

See also Painting

Marine plants *see* Algae; Aquatic plants

Marine surveying *see* Hydrography

Marine zoology

See also Aquariums; Brachiopoda; Ceteacea; Coelenterata; Crustacea; Dredging; Echinodermata; Fish; Fresh-water fauna; Marine biology; Mollusks; Ocean; Plankton; Polyzoa; Protozoa; Seals (animals); Seashore; Sponges

Mariner's compass *see* Compass

Marionettes *see* Puppet plays

Maritime law

See also Admiralty; Collisions at sea; Contraband of war; Impressment; Insur-

Refer from Archives; Autographs; Bibliography; Books; History — Sources; Inscriptions; Literature; Paleography; Papyri (s); Writing

Refer from Ethnology — New Zealand; New Zealand

Refer from Drawing; Geography; Maps; Topographical drawing

Refer from Atlases; Cartography (s); Chartography (s); Charts; Geography

Refer from Building stones; Limestone; Sculpture; Stone

Refer from Bookbinding; Painting, Mechanical; Paper

Refer from Instrumental music

Refer from Aquatic life (s); Aquatic plants; Biology; Dredging; Marine life (s); Marine zoology; Ocean; Ocean life (s); Plankton; Sea life (s); Seashore; Thalassography (s)

Refer from Boilers, Marine; Engineering; Engineering, Marine (s); Marine engines; Mechanical engineering; Naval engineering (s); Steam navigation

Refer from Boilers, Marine; Engines; Marine engineering; Shipbuilding; Steam engines; Steam navigation; Steamboats

Refer from Painting

Refer from Aquatic animals (s); Deep-sea fauna (s); Dredging; Fish; Marine biology; Marine fauna (s); Mollusks; Ocean; Pelagic fauna (s); Plankton; Seashore; Zoology

Refer from Admiralty; Commerce; Commercial law; Dominion of the sea (s); International

ance, Marine; International law; Mutiny; Neutrality; Pirates; Privateering; Prizes (international law); Salvage; Search, Right of; Shipping; Steamboat inspection

Maritime power *see* Sea power

Maritime surveying *see* Hydrography

Mark (land)

See also Village communities

Market gardening

See also Agriculture; Gardening; Greenhouses; Vegetables

Marketing

Marketing of farm produce

See also Agriculture; Farm management

Markets

See also Slaughtering and slaughterhouses; *also* names of cities, subhead Markets

Marks (land) *see* Mark (land)

Marks, Artists', *see* Artists' marks

Marks, Goldsmiths', *see* Hall marks

Marks, Printers', *see* Printers' marks

Maroons

Marpelate controversy

Marquetry *see* Inlay

Marriage

See also Adultery; Celibacy; Chastity; Consanguinity; Courtship; Divorce; Domestic relations; Eugenics; Family; Husbands; Illegitimacy; Love; Marriage customs and rites; Marriages, International; Polyandry; Polygamy; Sex; Sexual ethics; Wedding anniversaries; Weddings; Wives; Women

Marriage customs and rites

See also Weddings

Marriage records *see* Vital records

Marriage statistics *see* Vital statistics

Marriages, International

Marsh gas *see* Fire damp

Marshes

See also Drainage; Reclamation of land

Marsupialia

See also Mammals

Martial law

See also Courts martial; Habeas corpus; Military government; Military law

Martial music *see* Military music

Martyrs

See also Christian biography; Church history; Inquisition; Persecution; Saints

law; Law; Marine law (s); Navigation laws (s); Privateering; Prizes (international law); Salvage; Search, Right of; Shipping

Refer from Commons; Land tenure; Marks (land) (s); Village communities

Refer from Agriculture; Farm management; Gardening; Greenhouses; Truck farming (s); Vegetable gardening (s); Vegetables

Refer from Food; Home economics

Refer from Agricultural products; Agriculture; Commerce; Farm management; Farm products (s); Prices; Transportation

Refer from Business; Cities; Commerce; Food

Refer from Dutch Guiana; Fugitive slaves; Jamaica; Negroes

Refer from Church of England — Doctrinal and controversial works; England — Religious history; Puritans

Refer from Christian antiquities; Church law; Consanguinity; Courtship; Divorce; Domestic relations; Ethics; Eugenics; Family; Home; Husband and wife (s); Husbands; Law; Love; Matrimony (s); Polygamy; Rites and ceremonies; Sacraments; Sex; Sexual ethics; Social problems; Sociology; Weddings; Wives; Women; Women — Law

Refer from Bridal customs (s); Manners and customs; Marriage; Rites and ceremonies; Weddings

Refer from International marriages (s); Marriage

Refer from Bogs (s); Drainage; Fens (s); Morasses (s); Reclamation of land; Swamps (s)

Refer from Mammals; Pouched animals (s); Zoology — Australia

Refer from Habeas corpus; Law; Military art and science; Military government; Military law; War

Refer from Christian biography; Church history; Heresy; Heroes; Inquisition; Persecution; Saints

Mary, Virgin

See also Immaculate conception; Jesus Christ; Madonnas

—Legends

Mary, Virgin, in art, *see* Madonnas

Masks (for the face)

Masks (plays) *see* Masques (plays)

Mason and Dixon's line**Masonry**

See also Arches; Bricklaying; Bricks; Bridges; Building; Building stones; Cement; Concrete; Dams; Foundations; Plaster and plastering; Stereotomy; Stone; Stonecutting; Strength of materials; Vaulting; Walls

Masons (secret order) *see* Freemasons

Masquerades

See also Balls (parties); Costume

Masques (plays)**Mass**

See also Catholic church — Liturgy and ritual; Lord's supper; Masses (music); Missals; Transubstantiation

Massacres

See also names of massacres, e.g. Boston massacre; St. Bartholomew's day, Massacre of; Sicilian vespers; Wyoming massacre

Massage

See also Mechanotherapy; Swedish movement cure

Masses (music)**Master and servant**

See also Apprentices; Domestic relations; Employers' liability; Servants

Mastersingers *see* Meistersingers

Matches**Materia medica**

See also Dispensatories; Drugs, and names of drugs; Medical botany; Medicines, Proprietary; Pharmacy; Pharmacopoeias; Therapeutics

Materialism

See also Animism; Encyclopedists; Epicureans; Evolution; Philosophy; Rationalism; Soul; Stoics

Materials, Strength of, *see* Strength of materials

Maternity *see* Mothers

Mathematical drawing *see* Geometrical drawing; Mechanical drawing

Mathematical geography *see* Geography, Mathematical

Mathematical instruments

See also Calculating machines; Drawing instruments; Measuring instruments; Planimeter; Slide rule; Surveying instruments

Mathematical notation *see* Notation (mathematics)

Mathematical recreations

See also Magic squares

Refer from Catholic church; Immaculate conception; Jesus Christ; Madonna (s); Miracles; Virgin Mary (s)

Refer from Legends

Refer from Costume

Refer from Maryland — Boundaries; Pennsylvania — Boundaries; Slavery in the U. S.

Refer from Architecture; Bricklaying; Bricks; Bridges; Building; Building stones; Civil engineering; Concrete; Dams; Engineering; Foundations; Industrial arts; Stone; Strength of materials; Walls

Refer from Amusements; Balls (parties)

Refer from Drama; Masks (plays) (s); Theater

Refer from Altars; Catholic church; Catholic church — Liturgy and ritual; Eucharist (s); Liturgies; Lord's supper; Missals; Rites and ceremonies; Theology; Transubstantiation

Refer from Battles; History; Persecution

Refer from Mechanotherapy; Therapeutics

Refer from Church music; Mass; Music

Refer from Contracts; Domestic relations; Employers' liability; Law; Servants

Refer from Chemistry, Technical; Manufactures

Refer from Dispensatories; Drugs; Medical botany; Medicine; Medicines (s); Pharmacy; Pharmacopoeias; Remedies (in medicine) (s); Therapeutics

Refer from Animism; Atheism; Matter; Naturalism; Philosophy; Skepticism; Theology

Refer from Arithmetic; Arithmetical instruments (s); Instruments; Mathematics

Refer from Amusements; Mathematics; Scientific recreations

Mathematical tables *see* Mathematics — Tables, etc.

Mathematicians

Mathematics

See also Algebra; Arithmetic; Astronomy; Axioms; Calculating machines; Calculus; Conic sections; Engineering; Equations; Errors, Theory of; Fourth dimension; Geodesy; Geography, Mathematical; Geometry; Groups, Theory of; Least squares; Mathematical instruments; Mathematical recreations; Mathematicians; Mechanics; Mensuration; Metric system; Navigation; Notation (mathematics); Numbers; Numerals; Physics; Probabilities; Quaternions; Ready-reckoners; Surveying; Trigonometry — Tables, etc.

See also Interest tables; Logarithms; Traverse tables

Matriarchy

Matrimony *see* Marriage

Matter

See also Atomic theory; Atoms; Capillarity; Compressibility; Dissociation; Dynamics; Elasticity; Electrons; Ether (of space); Force and energy; Gravitation; Hardness; Ions; Materialism; Molecules; Physics; Radioactivity; Solids; Specific gravity; Viscosity

Mausoleums *see* Tombs

Maxims

See also Epigrams; Proverbs; Quotations

May day

Mayas

See also Central America — Antiquities; Guatemala; Indians of Central America; Indians of Mexico; Mexico — Antiquities; Yucatan

Meadows *see* Pastures and meadows

Meals *see* Breakfasts; Dinners and dining; Eating; Food; Luncheons; Table

Measles

Measures *see* Mensuration; Weights and measures

Measuring instruments

See also Micrometer; Slide rule; Square (instrument)

Meat

See also Animal food; Beef; Carving (meat, etc.); Cold storage; Cookery — Meat; Meat inspection; Packing industry; Slaughtering and slaughterhouses

Meat inspection

See also Food adulteration and inspection; Slaughtering and slaughterhouses

Mechanic arts *see* Industrial arts

Mechanical draft

See also Blowing engines; Combustion; Fans, Mechanical; Smoke

Refer from Mathematics; Scientists

Refer from Algebra; Arithmetic; Conic sections; Geometry; Science; Trigonometry

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Refer from Calculation — Aids (s); Logarithms; Mathematical tables (s); Ready-reckoners; Tables, Mathematical (s)

Refer from Family; Government; Mothers; Women

Refer from Atoms; Compressibility; Dynamics; Gravitation; Mechanics; Metaphysics; Philosophy; Physics; Viscosity

Refer from Adages (s); Aphorisms (s); Apothegms (s); Epigrams; Laconics (s); Literature; Proverbs; Quotations; Sayings (s)

Refer from Days; Festivals

Refer from Central America — Antiquities; Guatemala; Indians of Central America; Indians of Mexico; Mexico — Antiquities; Yucatan

Refer from Children — Diseases; Contagion and contagious diseases; Medicine — Practice

Refer from Mathematical instruments; Weights and measures

Refer from Animal food; Animal products; Beef; Food; Packing industry; Slaughtering and slaughterhouses

Refer from Food adulteration and inspection; Hygiene, Public; Inspection of meat (s); Meat; Packing industry; Slaughtering and slaughterhouses

Refer from Combustion; Draft, Mechanical (s); Draught, Mechanical (s); Fans, Me-

Mechanical drawing

See also Architectural drawing; Drafting room practice; Drawing instruments; Geometrical drawing; Graphic statics; Graphics; Lettering; Machine design; Pattern making; Perspective; Projection

Mechanical engineering

See also Boilers; Electric engineering; Engineering; Engines; Friction; Fuel; Hydraulic engineering; Locomotives; Lubrication and lubricants; Machine design; Machine shop practice; Machine tools; Machinery; Marine engineering; Mechanical draft; Mechanical movements; Mechanics; Mechanics, Applied; Power plants; Power transmission; Steam engines

Mechanical fans *see* Fans, Mechanical

Mechanical movements

See also Cams; Gearing; Kinematics; Link motion; Machine design; Machinery; Mechanical engineering; Mechanics; Pulleys

Mechanical painting *see* Painting, Mechanical

Mechanics

See also Aeronautics; Animal mechanics; Dynamics; Elasticity; Engineering; Fluids; Force and energy; Friction; Gases; Graphic statics; Hydraulics; Hydrodynamics; Hydrostatics; Kinematics; Liquids; Machinery; Matter; Mechanical movements; Motion; Motors; Perpetual motion; Physics; Power; Pulleys; Statics; Steam engines; Strength of materials

—Applied

See also Machine design; Mechanical engineering; Power transmission; Strains and stresses

—Celestial

See also Astronomy; Moon; Orbits; Perturbation; Planets

Mechanics (persons)

Mechanics' institutes

Mechanics' liens *see* Liens

Mechanism *see* Machinery; Mechanical movements

Mechanotherapy

See also Gymnastics, Medical; Massage; Osteopathy; Swedish movement cure

Medals

See also Decorations of honor; Numismatics

Mediaeval *see* Medieval

Medical anecdotes *see* Anecdotes, Medical

Medical biography *see* Physicians and surgeons

Medical botany

See also Botany, Economic; Dispensatories; Materia medica; Pharmacopoeias; Pharmacy; *also* names of medicinal plants, e.g. Ginseng

chanical; Furnaces; Mechanical engineering; Smoke

Refer from Architectural drawing; Drafting, Mechanical (s); Drafting room practice; Draughting, Mechanical (s); Drawing; Drawing instruments; Engineering; Geometrical drawing; Graphic statics; Graphics; Industrial drawing (s); Machine design; Mathematical drawing (s); Pattern making; Projection

Refer from Applied mechanics (s); Civil engineering; Engineering; Engineering, Mechanical (s); Engines; Industrial arts; Machine shop practice; Machinery; Mechanical movements; Mechanics, Applied; Power transmission

Refer from Gearing; Kinematics; Link motion; Machine design; Machinery; Mechanical engineering; Mechanics; Mechanism (s); Motion

Refer from Dynamics; Engineering; Fluids; Force and energy; Hydraulics; Hydrodynamics; Hydrostatics; Kinematics; Machinery; Mathematics; Mechanical engineering; Mechanical movements; Motion; Physics; Power; Statics

Refer from Applied mechanics (s); Engineering, Mechanical (s); Industrial arts; Mechanical engineering; Strains and stresses

Refer from Astronomy; Celestial mechanics (s); Orbits; Perturbation

Refer from Biography

Refer from Education; Industrial education; Labor and laboring classes; Libraries; Technical education

Refer from Gymnastics, Medical; Massage; Movement cure (s); Osteopathy; Swedish movement cure; Therapeutics

Refer from Archaeology; Badges of honor (s); Decorations of honor; History; Numismatics

Refer from Botany; Botany, Economic; Botany, Medical (s); Drugs; Herbs, Medicinal (s); Materia medica; Medicinal plants (s); Pharmacy; Plants, Medicinal (s); Poisonous plants

Medical charities *see* Charities, Medical
Medical chemistry *see* Pharmacy; Physiological chemistry
Medical climatology *see* Climate; Medical geography

Medical colleges

See also Medicine — Study and teaching

Medical education *see* Medical colleges; Medicine — Study and teaching

Medical delusions

See also Medical folklore; Medicine men; Quacks and quackery

Medical directories *see* Physicians and surgeons

Medical electricity *see* Electrotherapeutics

Medical ethics

See also Physicians and surgeons

Medical folklore

See also Medical delusions

Medical geography

See also Climate; Tropics — Diseases and hygiene

Medical gymnastics *see* Gymnastics, Medical

Medical inspection of schools

See also School hygiene; School nurses

Medical jurisprudence

See also Autopsy; Chemistry, Legal; Expert evidence; Identification; Infanticide; Insanity; Malpractice; Poisons; Suicide; Survivorship

Medical libraries

Medical missions *see* Missions, Medical

Medical nomenclature *see* Medicine — Nomenclature

Medical research

See also Animal experimentation

Medical schools *see* Medical colleges

Medical societies

Medical superstition *see* Medical folklore

Medical terminology *see* Medicine — Nomenclature

Medicinal plants *see* Medical botany

Medicine

See also Accidents; Allopathy; Anatomy; Anecdotes, Medical; Anesthetics; Antiseptics; Autopsy; Bacteriology; Bible — Medicine, hygiene, etc.; Charities, Medical; Contagion and contagious diseases; Dentistry; Diagnosis; First aid in illness and injury; Germ theory of disease; Histology; Homeopathy; Hospitals; Hygiene; Hygiene, Public; Indians — Medicine; Inoculation; Invalids; Materia medica; Medicine and religion; Medicine men; Microscope and microscopy; Mind and body; Missions, Medical; Narcotics; Naval hygiene; Nurses and nursing; Pathology; Pharmacy; Physi-

Refer from Colleges and universities; Medical schools (s); Medical education (s); Medicine — Study and teaching

Refer from Delusions (s); Errors, Popular; Medical folklore; Medicine — History

Refer from Ethics; Ethics, Medical (s); Physicians and surgeons; Professional ethics (s)

Refer from Folklore; Folklore of medicine (s); Medical delusions; Medical superstition (s)

Refer from Climate; Geographical pathology (s); Geography; Geography, Medical (s); Medical climatology (s); Pathology; Tropics — Diseases and hygiene

Refer from Children — Care and hygiene; Hygiene; Hygiene, Public; School children; School hygiene; School nurses; Schools — Medical inspection (s)

Refer from Chemistry, Legal; Expert evidence; Forensic medicine (s); Insanity; Jurisprudence, Medical (s); Law; Legal medicine (s); Poisons

Refer from Libraries; Libraries, Medical (s)

Refer from Research; Scientific research

Refer from Societies

Refer from Homeopathy; Hygiene; Pathology; Physiology; Professions; Science; Surgery; Therapeutics

Medicine—Continued

cians and surgeons; Physiological chemistry; Physiology; Poisons; Quacks and quackery; Sanatoriums; Stimulants; Surgery; Therapeutics; Vaccination; Veterinary medicine; *also* headings beginning Medical

—Directories, *see* Physicians and surgeons

—Eclectic

—History

See also Epidemics; Medical delusions; Medicine, Medieval

—Medieval

See also Elixir of life

—Military

See also Battlefield relief; First aid in illness and injury; Military hygiene; Surgery, Military; *also* names of wars, subhead Medical and sanitary affairs

—Nomenclature

Refer from Eclectic medicine (s)

Refer from Medicine — History

Refer from Battlefield relief; Field hospitals (s); Military hygiene; Military medicine (s)

Refer from Medical nomenclature (s); Medical terminology (s); Names; Nomenclature (s); Terminology (s)

—Practice

See also Alcoholism; Apoplexy; Appendicitis; Asthma; Black death; Bones — Diseases; Bronchitis; Cancer; Catarrh; Children — Diseases; Cholera, Asiatic; Cold (disease); Contagion and contagious diseases; Croup; Deafness; Diabetes; Diagnosis; Diphtheria; Dyspepsia; Epilepsy; Erysipelas; Eye — Diseases and defects; Fever; Gout; Hay fever; Headache; Heatstroke; Hookworm disease; Hydrophobia; Hysteria; Idiocy; Influenza; Insanity; Insomnia; Leprosy; Malpractice; Measles; Meningitis; Mental diseases; Nervous system — Diseases; Neuralgia; Neurasthenia; Nurses and nursing; Obstetrics; Paralysis; Parasites; Pellagra; Plague; Pneumonia; Respiratory organs — Diseases; Rheumatism; Scarlet fever; Seasickness; Skin — Diseases; Sleeping sickness; Smallpox; Somanbulism; Surgery; Suspended animation; Tetanus; Therapeutics; Tropics — Diseases and hygiene; Tuberculosis; Tumors; Typhoid fever; Typhus fever; Varioloid; Voice; Women — Diseases; Yellow fever

—Study and teaching

See also Medical colleges

Refer from Clinical medicine (s); Diagnosis; Diseases (s); Pathology; Therapeutics; Women — Diseases

—Tropics, *see* Tropics — Diseases and hygiene

Medicine and religion

See also Emmanuel movement; Faith cure

Refer from Education, Medical (s); Medical colleges; Medical education (s); Professional education

Refer from Church and healing (s); Emmanuel movement; Medicine; Religion and medicine (s)

Medicine men

See also Indians — Medicine

Refer from Conjuring; Indians — Medicine; Medical delusions; Witchcraft

Medicines *see* Drugs; Materia medica; Medicines, Proprietary

Medicines, Proprietary

Refer from Drugs; Materia medica; Medicines (s); Patent medicines (s); Proprietary medicines (s); Quacks and quackery

Medieval architecture *see* Architecture, Medieval

Medieval art *see* Art, Medieval

Medieval civilization *see* Civilization, Medieval

Medieval history *see* Middle ages — History

Medieval literature *see* Middle ages — Literature

Medieval philosophy *see* Philosophy, Medieval

Meditations

See also Devotional exercises

Mediums *see* Spiritualism

Meetings, Public, *see* Public meetings

Meistersingers

See also German poetry; Minnesingers

Melancholy

Melody

See also Harmony

Melting points

Memoirs *see* Autobiography; Biography; *also* names of individuals

Memorial day

Memory

See also Association of ideas; Attention; Mental discipline; Psychology

Men

See also Bachelors; Gentlemen; Husbands; Man; Young men

Menageries

See also Circus; Vivariums; Zoological gardens

Mendelism *see* Mendel's law

Mendel's law

See also Hybridization

Mendicity *see* Begging

Mending and repairing

Meningitis

Mennonites

See also Anabaptists

Mensuration

See also Gaging; Geodesy; Metric system; Surveying; Weights and measures

Mental aberration *see* Insanity; Mental diseases

Mental arithmetic *see* Arithmetic

Mental association *see* Association of ideas

Mental culture *see* Mental discipline

Mental derangements *see* Insanity; Mental diseases

Refer from Devotional exercises; Reflections (s)

Refer from Bards; German poetry; Mastersingers (s); Minnesingers; Minstrels; Poets

Refer from Emotions; Mental diseases; Psychology; Temperament

Refer from Composition (music); Harmony; Music; Music — Theory

Refer from Chemistry, Physical; Heat; Temperature

Refer from Decoration day (s); Holidays; U. S. — History — Civil war

Refer from Association of ideas; Brain; Education; Intellect; Mental discipline; Mnemonics (s); Psychology; Psychology, Educational; Teaching

Refer from Man; Young men

Refer from Animals; Animals in captivity (s); Circus; Vivariums; Zoological gardens; Zoology

Refer from Botany; Breeding; Evolution; Heredity; Hybridization; Mendelism (s); Plant breeding; Variation (biology); Zoology

Refer from Darning (s); Needlework; Repairing (s)

Refer from Brain; Cerebrospinal meningitis (s); Medicine — Practice; Spinal meningitis (s); Spine

Refer from Amish Mennonites (a); Anabaptists; Baptists; Sects

Refer from Arithmetic; Civil engineering; Engineering; Geometry; Mathematics; Measures (s); Metrology (s); Trigonometry; Weights and measures

Mental discipline

See also Attention; Education; Memory; Psychology; Educational; Self-culture

Refer from Discipline, Mental (s); Education; Memory; Mental culture (s); Mental training (s); Mind training (s); Psychology, Educational; Self-culture; Thought and thinking

Mental diseases

See also Aphasia; Brain; Feeble-minded; Hysteria; Idiocy; Illusions and hallucinations; Insanity; Melancholy; Mental hygiene; Nervous system — Diseases; Suicide

Refer from Aberration, Mental (s); Abnormal psychology (s); Brain; Diseases (s); Hysteria; Illusions and hallucinations; Insanity; Medicine — Practice; Mental aberration (s); Mental derangements (s); Mental hygiene; Mental pathology (s); Nervous system — Diseases; Pathological psychology (s); Psychiatry (s); Psychology; Psychology, Pathological (s); Psychology, Physiological; Psychosis (s)

Mental exhaustion *see* Fatigue, Mental

Mental fatigue *see* Fatigue, Mental

Mental healing

See also Animal magnetism; Christian science; Emmanuel movement; Faith cure; Hypnotism; Mental hygiene; Mind and body; New thought; Suggestive therapeutics

Refer from Absent treatment (s); Christian science; Faith cure; Healing, Mental (s); Health thoughts (s); Hypnotism; Mental hygiene; Mental therapeutics (s); Metaphysical healing (s); Mind and body; Mind cure (s); Psychology; Psychotherapy (s); Suggestion; Suggestive therapeutics; Therapeutics

Mental hygiene

See also Fatigue, Mental; Mental diseases; Mental healing; Mind and body; New thought; Rest; Worry

Refer from Fatigue, Mental; Hygiene; Hygiene, Mental (s); Mental diseases; Mental healing; Mind and body; Psychology; Suggestion

Mental overwork *see* Fatigue, Mental

Mental pathology *see* Mental diseases

Mental philosophy *see* Philosophy; Psychology

Mental physiology *see* Brain; Mind and body; Psychology, Physiological

Mental science *see* Psychology

Mental suggestion *see* Hypnotism; Suggestion

Mental therapeutics *see* Mental healing

Mental training *see* Mental discipline

Mentally deficient children *see* Children, Abnormal and backward; Defectives; Feeble-minded

Menus

See also Breakfasts; Catering; Dinners and dining; Luncheons; Table

Refer from Bills of fare (s); Breakfasts; Catering; Cookery; Diet; Dinners and dining; Eating; Entertaining; Home economics; Luncheons; Table

Mercantile law *see* Commercial law

Mercantile marine *see* Shipping

Mercenary troops

Refer from Armies; Military history; Soldiers

Mercerization

Refer from Cotton; Textile industry and fabrics

Merchandise *see* Commerce

Merchant marine *see* Shipping

Merchants

See also Business; Business ethics; Commerce; Commercial law; Commercial travelers; Peddlers and peddling

Refer from Biography; Business; Commerce

Mercury

See also Amalgams; Metals

Refer from Amalgamation; Amalgams; Metals; Mines and mineral resources; Quick-silver (s)

Mercy

Mesmerism *see* Animal magnetism; Hypnotism

Mesozoic era *see* Geology, Stratigraphic —
Mesozoic; Paleontology — Mesozoic

Messiah

See also Jesus Christ; Jesus Christ —
Messiahship

Metabolism

See also Absorption (physiology); Botany — Physiology; Digestion; Nutrition; Physiological chemistry; Physiology; Plants — Chemistry and nutrition

Metachrosis *see* Color of animals; Mimicry (biology)

Metal coloring

See also Bronzing; Coppersmithing; Gilding; Goldsmithing; Metal work; Silversmithing

Metal corrosion *see* Corrosion and anti-corrosives

Metal protection *see* Corrosion and anti-corrosives

Metal work

See also Arts and crafts; Brasses; Bronzes; Coppersmithing; Cutlery; Damaskeening; Dies; Goldsmithing; Hardware; Ironwork; Jewelry; Metal coloring; Pewter; Plate; Plate-metal work; Plating; Punching machinery; Repoussé work; Sheet-metal work; Silversmithing; Solder and soldering; Welding

Metallochromy *see* Metal coloring

Metallography

See also Alloys; Iron; Steel

Metallurgy

See also Alloys; Amalgamation; Assaying; Blast furnaces; Chemical engineering; Chemistry, Technical; Cyanide process; Electrometallurgy; Furnaces; Magnetic separation of ores; Metals; Ore treatment; Ores; Smelting; *also* names of metals

Metals

See also Alchemy; Alloys; Amalgams; Annealing; Assaying; Blowpipe; Chemistry, Inorganic; Corrosion and anti-corrosives; Foundry work; Geology, Economic; Hardware; Metal work; Metallography; Metallurgy; Mineralogy; Mines and mineral resources; Ore deposits; Ores; Pattern making; Periodic law; Precious metals; Slag; Smelting; Solder and soldering; Strength of materials; Welding; Wire; *also* names of metals and alloys, e.g. Aluminium; Brass; Bronze; Cobalt; Copper; Iron; Lead; Manganese; Mercury; Nickel; Platinum; Steel; Tin; Zinc

Metamorphic rocks *see* Rocks

Metaphor

See also Rhetoric

Metaphysical healing *see* Mental healing

Refer from Ethics

Refer from Jesus Christ; Jesus Christ —
Messiahship; Jews; Jews — Religion

Refer from Absorption (physiology); Anabolism (s); Assimilation (s); Biology; Botany — Physiology; Catabolism (s); Digestion; Katabolism (s); Nutrition; Physiological chemistry; Physiology; Plants — Chemistry and nutrition

Refer from Bronzing; Coloring of metals (s); Coppersmithing; Gilding; Goldsmithing; Ironwork; Metal work; Metallochromy (s); Plating; Silversmithing

Refer from Architecture; Arts and crafts; Decoration and ornament; Dies; Hardware; Industrial arts; Ironwork; Manufactures; Metal coloring; Metals; Plate-metal work; Repoussé work; Sheet-metal work

Refer from Alloys; Iron; Metals; Micrographic analysis (s); Microscope and microscopy; Microscopic analysis (s); Steel

Refer from Alloys; Assaying; Chemical engineering; Chemistry; Chemistry, Technical; Cyanide process; Electrometallurgy; Furnaces; Industrial arts; Metals; Ore treatment; Ores; Smelting; Technology

Refer from Aluminium; Chemical elements; Chemistry, Inorganic; Cobalt; Copper; Geology; Geology, Economic; Iron; Lead; Manganese; Manufactures; Mercury; Metallurgy; Mineralogy; Mines and mineral resources; Nickel; Ores; Platinum; Steel; Tin; Zinc

Refer from Rhetoric

Metaphysics

See also Absolute, The; Being; Belief; Causation; Consciousness; Force and energy; Infinite; Knowledge; Life; Matter; Monadology; Monism; Necessity; New thought; Personality; Philosophy; Pluralism; Psychology; Reality; Soul; Space; Teleology; Time; Universe

Metempsychosis *see* Transmigration

Meteoritic hypothesis

See also Meteors; Nebulae

Meteorites

See also Meteors

Meteorological instruments

See also Anemometer; Barometer; Thermometer

Meteorological observatories

See also Meteorology — Observations

Meteorology

See also Air; Atmospheric electricity; Atmospheric nucleation; Auroras; Climate; Clouds; Cold; Cyclones; Dew; Droughts; Evaporation; Floods; Fog; Frost; Hail; Heat; Humidity; Hurricanes; Hygrometry; Ice; Lightning; Meteorological instruments; Ocean; Physical geography; Rain; Rainbow; Seasons; Snow; Storms; Sun spots; Temperature; Thunderstorms; Tornadoes; Waterspouts; Weather; Weather forecasts; Weather lore; Winds; *also* names of countries, subhead Meteorology

—Observations

See also Meteorological observatories

—U. S.

See also U. S. — Climate

Meteors

See also Astronomy; Meteorites; Meteoritic hypothesis

Meter

See also Poetry; Prosody; Rhythm; Versification

Meters *see* Electric meters; Gas meters; Water meters; Wattmeter; etc.

Methodism

See also Episcopacy; Methodist Episcopal church; Wesleyan Methodist church

Methodist Episcopal church

See also Bishops; Methodism

Metre *see* Meter

Metric system

See also Decimal system; Weights and measures

Metrology *see* Mensuration; Weights and measures

Mexican boll weevil *see* Boll weevil

Mexican cotton-boll weevil *see* Boll weevil

Mexican war, 1846–1848, *see* U. S. — History

— War with Mexico

Mezzotint *see* Engraving

Refer from Absolute, The; Being; Causation; Epistemology (s); God; Infinite; Knowledge; Monism; Ontology (s); Philosophy; Psychology; Reality; Teleology; Universe

Refer from Astronomy; Meteors; Nebulae; Solar system; Universe

Refer from Aerolites (s); Astronomy; Meteors

Refer from Anemometer; Barometer; Instruments; Meteorology; Thermometer

Refer from Meteorology — Observations; Observatories, Meteorological (s)

Refer from Aerology (s); Air; Atmosphere (s); Climate; Clouds; Earth; Floods; Fog; Humidity; Physical geography; Physics; Rain; Science; Sky (s); Snow; Storms; Temperature; Water; Waterspouts; Weather; Winds

Refer from Meteorological observatories; Observations, Meteorological (s)

Refer from U. S. — Climate; U. S. — Meteorology (s)

Refer from Astronomy; Falling stars (s); Fire balls (s); Meteorites; Meteoritic hypothesis; Shooting stars (s); Stars

Refer from Metre (s); Poetry; Prosody; Rhythm; Versification

Refer from Church polity; Dissenters; Episcopacy; Methodist Episcopal church

Refer from Episcopal church (s); Methodism; Sects; Wesleyans (s)

Refer from Arithmetic; Decimal system; Mathematics; Mensuration; Units; Weights and measures

Mica

Mice

See also Rodents

Microbes *see* Bacteriology; Fungi

Microchemistry

Micrographic analysis *see* Metallography;
Microscope and microscopy

Micrometer

Micro-organisms *see* Animalcules; Bacteriology

Microphone

Microphotography *see* Photomicrography

Microscope and microscopy

See also Bacteriology; Histology; Metallography; Microchemistry; Photomicrography

Microscopic analysis *see* Metallography; Microscope and microscopy

Microscopic anatomy *see* Histology

Microscopy *see* Microscope and microscopy

Middle ages

See also Chivalry; Feudalism; Fifteenth century; Inquisition; Manors; Monasticism; Renaissance

—Architecture, *see* Architecture, Medieval

—Art, *see* Art, Medieval

—Civilization, *see* Civilization, Medieval

—History

See also Byzantine empire; Church history — Middle ages; Crusades; Hanseatic league; Holy Roman empire; Moors in Spain; Northmen; Teutonic knights

—Literature

See also Anglo-Saxon literature; Arthurian romances; Charlemagne — Romances; English literature — History and criticism — Middle English

—Social life and customs

See also Chivalry

Middle English language *see* English language — Middle English

Middle English literature *see* English literature — History and criticism — Middle English

Middle states

See also Cumberland road; Northwest Territory, U. S.; *also* names of states

Midwifery *see* Obstetrics

Migration of animals *see* Animals — Migration

Migration of birds *see* Birds — Migration

Migration of nations

See also Anthropogeography; Anthropology; Barbarian invasions of Rome; Ethnology; Immigration and emigration

Migration of plants *see* Plants — Migration

Mildew

See also Fungi; Plants — Diseases

Militarism

See also Armies; Disarmament; Navies; Peace; War

Refer from Isinglass (s); Mineralogy

Refer from Household pests; Mouse (s); Rodents

Refer from Chemistry; Chemistry — Analysis; Microscope and microscopy

Refer from Measuring instruments; Surveying instruments

Refer from Electricity; Telephone

Refer from Animalcules; Bacteriology; Biology; Botany; Histology; Medicine; Micrographic analysis (s); Microscopic analysis (s); Microscopy (s); Natural history; Optical instruments; Photomicrography; Science; Zoology

Refer from Archaeology; Chivalry; Dark ages (s); Feudalism; Renaissance

Refer from Byzantine empire; Church history — Middle ages; Crusades; Europe — History — 476-1492 (s); Hanseatic league; History; History, Medieval (s); Holy Roman empire; Medieval history (s)

Refer from Literature, Medieval (s); Medieval literature (s)

Refer from Central states (s); Northwest Territory, U. S.

Refer from Anthropogeography; Anthropology; Barbarian invasions of Rome; Civilization; Ethnology; Europe — History — To 476; History; Immigration and emigration

Refer from Fungi; Plants — Diseases

Refer from Armies; Disarmament; International relations; Navies; Peace; War

Military aeronautics *see* Aeronautics, Military

Military architecture

See also Armories; Arsenal(s); Barracks; Castles; Fortification; Military engineering

Refer from Architecture; Architecture, Military (s); Armories; Arsenal(s); Barracks; Castles; Fortification; Military engineering

Military art and science

See also Aeronautics, Military; Ammunition; Archery; Armies; Arms and armor; Artillery; Artillery drill and tactics; Battles; Bounties, Military; Bugle calls; Camps (military); Cavalry; Cavalry drill and tactics; Chariots; Coast defense; Concentration camps; Conscription; Disarmament; Drill (military); Explosives; Fencing; Firearms; Flags; Fortification; Guerrillas; Gunnery; Hospitals, Military; Imaginary wars and battles; Infantry; Infantry drill and tactics; Martial law; Militia; Mines, Military; Naval art and science; Ordnance; Prisoners of war; Projectiles; Railroads, Military; Rifle practice; Scouts and scouting; Sieges; Signals; Soldiers; Spies; Tactics; Target practice; Tents; Torpedoes; War; War games; *also* headings beginning Military

Refer from Armies; Army (s); Artillery; Cavalry; Drill (military); Fighting (s); Infantry; Military power (s); Military science (s); Ordnance; Science; Sieges; Soldiers; Strategy (s); Tactics; War

Military biography

See also Generals; Soldiers

Refer from Biography; Generals; Military history; Soldiers

Military bounties *see* Bounties, Military

Military bridges

Military costume *see* Arms and armor; Uniforms

Military education

Refer from Bridges; Military engineering

Military engineering

See also Coast defense; Engineering; Fortification; Military architecture; Military bridges; Mines, Military; Railroads, Military

Refer from Education; Education, Military (s); Military schools (s); Military training (s)

Refer from Engineering; Engineering, Military (s); Military architecture; Mines, Military

Military government

See also Martial law

Refer from Colonies and colonization; Government; Martial law

Military history

See also Battles; History; Mercenary troops; Military biography; Naval history; Sieges; *also* names of wars, battles, places besieged, generals, etc., and names of countries, subheads Army, and History, Military

Refer from Battles; History; History, Military (s); Naval history; Wars (s)

Military hospitals *see* Hospitals, Military

Military hygiene

See also Battlefield relief; Medicine, Military; Naval hygiene; Surgery, Military; *also* subhead Medical and sanitary affairs under particular wars

Refer from Armies; Battlefield relief; Hygiene; Hygiene, Military (s); Hygiene, Public; Medicine, Military; Naval hygiene; Occupations — Diseases and hygiene; Sanitation

Military law

See also Courts martial; International law; Martial law; Mutiny

Refer from Courts martial; International law; Law; Martial law

Military life *see* Army life

Military maneuvers

See also War games; Tactics

Refer from Armies; Maneuvers, Military (s); Manoeuvres, Military (s); Tactics; War games

Military medicine *see* Medicine, Military

Military music

See also Bands (music); Bugle calls; Instrumentation and orchestration

Refer from Bands (music); Bugle calls; Instrumental music; Martial music (s); Music

Military power *see* Armies; Disarmament;
Military art and science; Navies; Sea power
Military railroads *see* Railroads, Military
Military schools *see* Military education
Military science *see* Military art and science

Military service

See also Conscription; Recruiting and enlistment

Military surgery *see* Surgery, Military

Military tactics *see* Tactics

Military training *see* Military education

Military trials *see* Courts martial

Military uniforms *see* Uniforms

Militia

See also Naval militia; *also* names of states and countries, subhead Militia

Milk

See also Butter; Cheese; Cows; Cream; Cream separators; Dairy bacteriology; Dairy products; Dairying; Kumiss; Milk supply; Milking

Milk supply

Milking

See also Dairying

Milky way

See also Astronomy

Millennial church *see* Shakers

Millennium

See also Christadelphians; Future life; Jesus Christ; Second advent
Millerites *see* Second adventists

Milinery

See also Artificial flowers; Costume; Feathers; Hats; Headgear

Milling (flour) *see* Flour and flour mills

Milling machines

See also Machine tools

Millionaires

See also Capitalists and financiers; Wealth

Mills and millwork

See also Factories; Flour and flour mills; Machinery; Manufactures; Rolling mills; Sawmills; Scientific management; Textile factories

Mimicry

See also Caricature and cartoons; Imitation

Mimicry (biology)

See also Animals — Habits and behavior; Color of animals

Mind *see* Intellect; Psychology

Mind and body

See also Brain; Christian science; Dreams; Dualism; Emmanuel movement; Ennui; Fatigue, Mental; Hypnotism; Inhibition; Insanity; Mental healing; Mental hygiene; Monism; Nervous system; New thought; Phrenology; Psychology; Psychology, Physiological; Subconsciousness; Suggestion; Worry

Mind cure *see* Mental healing

Mind in animals *see* Animal intelligence

Refer from Armies; Army life; Conscription; Recruiting and enlistment

Refer from Armies; Military art and science

Refer from Beverages; Cows; Cream; Dairy products; Dairying; Food

Refer from Food adulteration and inspection; Hygiene, Public; Milk

Refer from Cows; Dairying; Milk

Refer from Astronomy; Galaxy (s); Stars

Refer from Eschatology; Future life; Jesus Christ; Second advent; Theology

Refer from Costume; Domestic arts; Hats; Headgear

Refer from Machine tools; Machinery

Refer from Biography; Capitalists and financiers; Fortunes (s); Wealth

Refer from Architecture; Factories; Industrial arts; Machinery; Manufactures

Refer from Caricature and cartoons; Imitation

Refer from Animals; Animals — Habits and behavior; Biology; Color of animals; Evolution; Metachrosis (s); Protective mimicry (s)

Refer from Body and mind (s); Brain; Dualism; Hygiene; Hypnotism; Insanity; Medicine; Mental healing; Mental hygiene; Mental physiology (s); Monism; Nervous system; Philosophy; Physiology; Psychology; Psychology, Physiological

Mind reading

See also Clairvoyance; Hypnotism; Psychological research; Thought transference

Mind training *see* Mental discipline

Mine accidents

See also Fire damp; Mine fires; Safety lamps; *also* names of special mine disasters

Mine explosions *see* Mine accidents; Mine fires

Mine fires

See also Fire damp; Mine accidents; Safety lamps

Mine labor *see* Miners

Mine planting *see* Mines, Military

Mine surveying**Mine ventilation**

See also Fire damp

Mineral lands *see* Mines and mineral resources; Ore deposits

Mineral oils *see* Oils and fats; Petroleum

Mineral resources *see* Mines and mineral resources

Mineral springs *see* Mineral waters

Mineral waters

See also Beverages; Geology, Economic; Health resorts; Sanatoriums; Sulphur springs

Mineralogy

See also Abrasives; Assaying; Blowpipe; Crystallography; Gems; Geochemistry; Geology; Hardness; Metals; Mines and mineral resources; Ores; Precious stones; Rare earths; Rocks; Stone; *also* names of minerals, e.g. Asbestos, Coal, Diamonds, Mica

Minerals *see* Mineralogy; Mines and mineral resources; Ores

Miners**Mines, Military**

See also Blasting; Explosives; Military engineering; Mines, Submarine

Mines, Submarine

See also Torpedoes

Mines and mineral resources

See also Coal mines and mining; Copper mines and mining; Geology, Economic; Gold mines and mining; Hydraulic mining; Iron mines and mining; Lead mines and mining; Mercury; Metals; Mine accidents; Mine fires; Mine surveying; Mine ventilation; Mineralogy; Miners; Mining engineering; Mining laws; Mining machinery;

Refer from Clairvoyance; Psychical research; Psychology; Spiritualism; Telepathy (s); Thought transference

Refer from Accidents; Coal mines and mining; Disasters; Explosions; Fire damp; Mine explosions (s); Mine fires; Mines and mineral resources; Mining accidents (s); Occupations, Dangerous; Safety lamps

Refer from Fire damp; Fires; Mine accidents; Mine explosions (s); Mines and mineral resources; Safety lamps

Refer from Mines and mineral resources; Mining engineering; Surveying

Refer from Fire damp; Mines and mineral resources; Mining engineering; Ventilation; Ventilation of mines (s)

Refer from Beverages; Geochemistry; Geology, Economic; Health resorts; Hydrotherapy; Mineral springs (s); Springs; Sulphur springs; Therapeutics; Water

Refer from Blowpipe; Chemical geology (s); Chemistry; Chemistry — Analysis; Chemistry, Inorganic; Crystallography; Diamonds; Geochemistry; Geology; Metals; Minerals (s); Mines and mineral resources; Natural history; Ores; Precious minerals (s); Rare earths; Rocks; Science

Refer from Coal mines and mining; Labor and laboring classes; Mine labor (s); Mines and mineral resources; Mining life (s)

Refer from Blasting; Explosives; Fortification; Military art and science; Military engineering; Mine planting (s); Sieges; Tunnels

Refer from Coast defense; Mines, Military; Naval art and science; Submarine mines (s); Submarine warfare; Torpedoes

Refer from Conservation of resources; Earth; Geology, Economic; Hydraulic mining; Metals; Mineral lands (s); Mineral resources (s); Mineralogy; Minerals (s); Mining (s); Natural resources; Ore deposits; Ores; Precious minerals (s); Prospecting; Quarries and quarrying

Mines and mineral resources — Continued

Natural resources; Ore deposits; Ores; Precious metals; Prospecting; Quarries and quarrying; Salt; Shaft sinking; Silver mines and mining; Sulphur; Tin; Zinc

— U. S.

Miniature painting

Mining *see* Mines and mineral resources;

Mining engineering

Mining accidents *see* Mine accidents

Mining engineering

See also Blasting; Boring; Explosives; Electricity in mining; Hydraulic mining; Mine surveying; Mine ventilation; Mining machinery; Mining schools and education; Rock drills; Shaft sinking; Tunnels

Mining laws

Mining life *see* Miners

Mining machinery

See also Conveying machinery; Electricity in mining; Excavating machinery; Hoisting machinery; Rock drills

Mining schools and education

Ministers of state

See also Ambassadors; Chancellors, Lord; Diplomacy; International law; International relations; Prime ministers; Treaties

Ministers of the gospel *see* Clergy; Preachers; Priests

Minnesingers

See also German poetry; Meistersingers

Minorites *see* Franciscans

Minority representation *see* Proportional representation

Minstrel shows

Minstrels

See also Bards; Meistersingers; Minnesingers; Troubadours; Trouvères; Wayfaring life

Mints

See also Coinage

Miocene period *see* Geology, Stratigraphic — Miocene; Paleontology — Miocene

Miracle, morality and mystery plays

See also Drama; Passion plays

Miracles

See also Christianity — Evidences; Holy wells; Jesus Christ — Miracles; Mary, Virgin; Relics; Saints; Shrines; Spiritualism; Supernatural

Mirage

Mirrors

Misers

See also Avarice

Refer from U. S. — Industries and resources; U. S. — Mines and mineral resources (s)

Refer from Art; Painting; Portrait painting

Refer from Blasting; Civil engineering; Coal mines and mining; Electricity in mining; Engineering; Engineering, Mining (s); Hydraulic engineering; Mines and mineral resources; Mining (s); Shaft sinking; Tunnels

Refer from Labor laws; Law; Mines and mineral resources

Refer from Conveying machinery; Electricity in mining; Excavating machinery; Hoisting machinery; Machinery; Mines and mineral resources; Mining engineering; Rock drills

Refer from Mining engineering; Technical education

Refer from Biography; Statesmen

Refer from Bards; German poetry; Lyric poetry; Meistersingers; Minstrels; Poetry; Poets

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Refer from Bards; Poets; Wayfaring life

Refer from Coinage; Money

Refer from Drama; English drama; Morality plays (s); Mysteries (dramatic) (s); Mystery plays (s); Passion plays; Theater

Refer from Bible; Catholic church; Christianity; Christianity — Evidences; Church history; Divine healing (s); Faith cure; Jesus Christ; Relics; Religion; Shrines; Supernatural; Theology

Refer from Deserts; Optical illusions

Refer from Aberration; Furniture; Glass manufacture; Looking-glasses (s)

Refer from Avarice; Thrift; Wealth

Misfortune

See also Affliction

Misrepresentation *see* Fraud

Missals

See also Catholic church — Liturgy and ritual; Liturgies; Mass

Missing link**Missionaries**

See also Christian biography; Missions; Student volunteer movement

Missionary societies**Missions**

See also Bible — Publication and distribution; Conversion; Evangelistic work; Indians — Missions; Missionaries; Missionary societies; Revivals; Student volunteer movement; Tract societies; *also* names of churches and religious orders, subhead Missions, e.g. Catholic church — Missions; Church of England — Missions; Jesuits — Missions

—Foreign

See also Missions, Medical; Student volunteer movement

—Home

See also City missions; Indians — Missions

—Medical**—Seamen****Missouri compromise**

See also Kansas-Nebraska bill; U. S. — History — 1815-1861

Mistakes *see* Blunders; Errors, Popular; Errors and blunders, Literary

Mitosis *see* Karyokinesis

Mnemonics *see* Memory

Mobs *see* Crowds; Lynch law; Riots

Mock trials *see* Moot courts

Modeling

See also Arts and crafts; Plaster casts; Sculpture

Modern history *see* History, Modern

Modern philosophy *see* Philosophy, Modern

Modernism**Modulation**

See also Harmony

Moghul empire *see* Mogul empire

Mogul empire

See also India — History

Mohammedan architecture *see* Architecture, Mohammedan

Mohammedanism

See also Arabs; Babism; Caliphs; Derivishes; Koran; Mecca; Moors; Moors in Spain; Mosques; Panislamism; Saracens; Sufism; Turkey — History; Wahabis

Refer from Adversity (s); Affliction; Trouble (s)

Refer from Catholic church — Liturgy and ritual; Church music; Illumination of manuscripts and books; Liturgies; Mass

Refer from Evolution; Man — Origin and antiquity

Refer from Christian biography; Evangelists (s); Heroes; Missions

Refer from Missions; Societies

Refer from Christianity; Church extension (s); Church history; Church work; Conversion; Evangelistic work; Missionaries; Religion

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Refer from Charities, Medical; Medical missions (s); Medicine; Missions, Foreign

Refer from Fishermen; Sailors; Sailors' missions (s); Seamen's missions (s)

Refer from Missouri — History; Slavery in the U. S.; U. S. — History — 1815-1861

Refer from Arts and crafts; Clay; Clay modeling (s); Manual training; Plaster casts; Sculpture

Refer from Bible — Criticism and interpretation; Catholic church; Liberalism; Religion and science; Theology

Refer from Harmony; Music; Music — Theory

Refer from India — History; Moghul empire (s); Mongols

Refer from Arabs; Babism; Caliphs; Derivishes; Islam (s); Koran; Mohammedanism (s); Moors; Moslems (s); Mohammedanism (s); Muslims (s); Musselmans (s); Polygamy; Religions; Saracens; Sufism; Wahabis

Moisture of soils *see* Soil moisture

Moisture of the air *see* Humidity

Molasses

See also Sorghum

Mold

See also Fungi

—Vegetable, *see* Soils

Molding *see* Foundry work

Moldings

See also Architecture

Molecules

See also Atoms; Chemistry; Chemistry, Physical; Physics; Stereochemistry

Mollusks

See also Bivalves; Cephalopoda; Gasteropoda; Invertebrates; Marine zoology; Oysters; Pearls

—Fossil

Monachism *see* Monasticism

Monadism *see* Monadology

Monadology

Monads (philosophy) *see* Monadology

Monarchs *see* Kings and rulers

Monarchy

See also Coronations; Courts and courtiers; Democracy; Despotism; Divine right of kings; Emperors; Government; Kings and rulers; Princes and princesses; Queens and empresses; Regency; Tyranny

Monasteries

See also Abbeys; Convents and nunneries; Monasticism

Monastic orders *see* Monasticism; Religious orders

Monasticism

See also Asceticism; Augustinians; Benedictines; Brotherhoods; Buddhism; Capuchins; Carthusians; Celibacy; Cistercians; Convents and nunneries; Dominicans; Franciscans; Jesuits; Monasteries; Nuns; Religious orders; Sisterhoods; Trappists

Money

See also Bank notes; Banks and banking; Bimetallism; Business; Capital; Checks; Coinage; Commerce; Counterfeits; Credit; Decimal system; Exchange; Finance; Foreign exchange; Gold (as money); Greenbacks; Interest; Investments; Legal tender; Mints; Numismatics; Paper money; Prices; Shell money; Silver (as money); Stock exchange; Wampum; Wealth

Refer from Sorghum; Sugar; Syrups; Treacle (s)

Refer from Fungi; Mould (s)

Refer from Architecture; Carpentry; Decoration and ornament; Mouldings (s)

Refer from Atoms; Chemistry; Chemistry, Physical; Matter; Physics

Refer from Bivalves; Cephalopoda; Conchology (s); Gasteropoda; Invertebrates; Malacology (s); Marine zoology; Shells (conchology) (s)

Refer from Fossil mollusks (s); Invertebrates, Fossil; Paleontology

Refer from Metaphysics; Monadism (s); Monads (philosophy) (s); Philosophy; Universe

Refer from Constitutional law; Democracy; Despotism; Divine right of kings; Executive power; Government; Kings and rulers; Kingship (s); Magistrates; Princes and princesses; Queens and empresses; Royalty (s); Rulers (s); Sovereigns (s)

Refer from Abbeys; Catholic church; Church property; Cloisters (s); Convents and nunneries; Monasticism

Refer from Asceticism; Augustinians; Benedictines; Brotherhoods; Capuchins; Carthusians; Catholic church; Catholic church—Clergy; Celibacy; Christian biography; Christian life and character; Church discipline; Church history; Church polity; Cistercians; Clergy; Convents and nunneries; Dominicans; Franciscans; Friars (s); Middle ages; Monachism (s); Monasteries; Monastic orders (s); Monks (s); Orders, Monastic (s); Religion; Religious orders

Refer from Banks and banking; Bills of credit (s); Bills of exchange (s); Bimetallism; Bullion (s); Business; Capital; Coinage; Commerce; Counterfeits; Credit; Currency (s); Economics; Exchange; Finance; Foreign exchange; Gold (as money); Legal tender; Numismatics; Paper money; Precious metals; Silver (as money); Specie (s); Standard of value (s); Stock exchange; Value; Wealth

Money — Continued

— **U. S.**

See also Banks and banking — U. S.;
Coinage — U. S.; Greenbacks

Refer from Coinage — U. S.; Greenbacks;
Resumption of specie payment (s); Specie
payment (s); Silver question (s); U. S.—
Currency question (s); U. S.—Economic
conditions; U. S.—Finance; U. S.—Money (s)

Mongols

See also China — History; Mogul empire;
Mongolia; Tartars

Refer from China — History; Mongolia;
Tartars; Yellow races

Monism

See also Metaphysics; Mind and body;
Pantheism

Refer from Dualism; Metaphysics; Mind
and body; Pantheism; Philosophy; Universe

Monkeys

See also Apes; Gorillas; Primates

Refer from Apes; Primates

Monks *see* Hermits; Monasticism

Monograms

See also Artists' marks; Initials; Letter-
ing

Refer from Decoration and ornament;
Initials; Lettering

Monologues

See also Recitations and readings

Refer from Amateur theatricals; Drama;
Impersonation (s); Recitations and readings

Monoplanes *see* Aeroplanes

Monopolies

See also Capital; Competition; Govern-
ment ownership; Municipal ownership;
Privileged classes; Restraint of trade;
Trusts

Refer from Capital; Commerce; Competi-
tion; Corners, Commercial (s); Economics;
Forestalling (s); Privileged classes; Re-
straint of trade; Trusts

Monorailways *see* Railroads — Single rail;
Suspended railways

Monotheism

See also God

Refer from God; Theology

Monotype *see* Typesetting machines

Monroe doctrine

See also Drago doctrine; Intervention

Refer from International law; International
relations; Intervention; Latin America; U. S.
— Foreign relations

Monsters

See also Deformities; Dragons; Dwarfs;
Giants; Sea serpents

Refer from Deformities; Man; Monstrosi-
ties (s); Physiology; Teratology (s); Zoology

Monstrosities *see* Monsters

Months

See also Seasons; Year; *also* names of
months

Refer from Year

Monumental brasses *see* Brasses

Monuments

See also Archaeology; Arches of triumph;
Brasses; Cromlechs; Inscriptions; Obelisks;
Pyramids; Sculpture; Soldiers' monuments;
Statues; Tombs; Tombstones; *also* names
of cities, subhead Monuments

Refer from Archaeology; Burial; Sculpture;
Statues; Tombs; Tombstones

Moon

See also Astronomy; Eclipses; Occulta-
tions; Tides

Refer from Astronomy; Eclipses; Lunar
theory (s); Mechanics, Celestial; Planets;
Satellites; Tides

Moorish architecture *see* Architecture, Mo-
hammedan

Moors

See also Algeria; Arabs; Mohammedanism;
Morocco; Saracens

Refer from Algeria; Arabs; Mohammedanism;
Morocco; Saracens

Moors in Spain

See also Spain — History — To 1479

Refer from Arabs in Spain (s); Middle
ages — History; Mohammedanism; Moris-
cos (s); Spain — History — To 1479

Moot courts

Refer from Courts; Mock trials (s)

Moraines

See also Boulders; Drift; Glaciers; Physical geography

Moral conditions *see* names of countries and cities, subhead Moral conditions

Moral education

See also Character; Children — Management; Religious education

Moral philosophy *see* Ethics

Morality *see* Ethics

Morality plays *see* Miracle, morality and mystery plays

Morals *see* Ethics, and names of countries, subhead Moral conditions

Morasses *see* Marshes

Moravians

Moriscos *see* Moors in Spain

Mormons and Mormonism

See also Salt Lake City; Utah

Morphia *see* Morphine

Morphine

See also Narcotic habit; Narcotics; Opium

Morphology

See also Anatomy; Biology; Botany, Structural; Cells; Embryology; Histology

Morphology of plants *see* Botany, Structural

Morris dance

See also Dancing

Mortality

See also Death; Vital statistics

Mortar *see* Cement

Mortgages

See also Investments; Real estate; Securities

Mortmain

Mortuary customs *see* Burial; Cremation; Death; Embalming; Funeral rites and ceremonies; Indians — Mortuary customs; Urn burial

Mosaic law

See also Antinomianism; Commandments; Bible — Old Testament — Deuteronomy; Bible — Old Testament — Leviticus; Jews — Law

Mosaics

See also Arts and crafts; Inlay; Mural painting and decoration

Moslems *see* Mohammedanism

Mosques

See also Architecture, Mohammedan; Architecture, Oriental

Refer from Boulders; Drift; Geology; Glaciers; Physical geography

Refer from Children — Management; Education; Education, Moral (s); Ethical education (s); Ethics; Religious education

Refer from Bohemian brethren (s); Herrnhuters (s); Sects; Unitas fratrum (s); United brethren (s)

Refer from Church of Christ of latter-day saints (s); Church of Jesus Christ of latter-day saints (s); Latter-day saints (s); Polygamy; Religions; Salt Lake City; Sects; Utah

Refer from Alkaloids; Morphia (s); Narcotic habit; Narcotics; Opium

Refer from Anatomy; Anatomy, Comparative; Biology; Comparative morphology (s); Organography (s); Physiology

Refer from Dancing; England — Social life and customs

Refer from Death; Death rate (s); Vital statistics

Refer from Chattel mortgages (s); Commercial law; Contracts; Conveyancing; Forms (in law); Incumbrances (s); Investments; Land titles; Law; Liens; Loans; Negotiable instruments; Property; Real estate; Securities

Refer from Charities; Land tenure; Law; Legacies; Trustees

Refer from Bible — Old Testament — Deuteronomy; Bible — Old Testament — Leviticus; Commandments; Jews — Law; Jews — Religion; Law

Refer from Art; Arts and crafts; Decoration and ornament; Floors; Inlay; Mural painting and decoration; Pavements

Refer from Architecture; Architecture, Mohammedan; Architecture, Oriental; Church architecture; Mohammedanism; Temples

Mosquitoes

See also Diptera; Insects as carriers of contagion; Malaria; Yellow fever

Moss *see* Mosses

Mosses

See also Algae; Cryptogams; Lichens

Most favored nation clause *see* Commercial treaties

Motherhood *see* Mothers

Mothers

See also Children; Home; Matriarchy; Parents; Women

Mothers' clubs

See also Child study; Women's clubs

Moths

See also Caterpillars; Codling moth; Cutworms; Gipsy moth; Lepidoptera; Silkworms

Motion

See also Animal locomotion; Dynamics; Force and energy; Kinematics; Locomotion; Mechanical movements; Mechanics; Motors; Perpetual motion; Rotation; Velocity; Vibration

Motion pictures *see* Moving pictures

Motor boats

Motor carriages *see* Automobiles

Motor cycles

Motor vehicles *see* Automobiles

Motoring *see* Automobile touring; Automobiles

Motors

See also Aeronautic motors; Alcohol motors; Automobiles; Compressed air; Dynamos; Electric motors; Engines; Farm motors; Gas and oil engines; Hydraulic motors; Locomotives; Machinery; Solar motors; Steam engines; Turbines; Water wheels; Windmills

Mottoes

See also Devices; Heraldry; Quotations

Mould *see* Mold

Moulding *see* Foundry work

Mouldings *see* Moldings

Mound builders *see* Mounds and mound builders

Mounds and mound builders

See also Earthworks (archaeology); Indians — Antiquities; Kitchen middens; U. S. — Antiquities

Mountain climbing *see* Mountaineering

Mountain railroads

See also Cable railroads; Suspended railways

Refer from Contagion and contagious diseases; Diptera; Household pests; Insects. Injurious and beneficial; Insects as carriers of contagion; Malaria; Yellow fever

Refer from Bryology (s); Bryophytes (s); Cryptogams; Moss (s)

Refer from Children; Family; Home; Love; Maternity (s); Motherhood (s); Parents; Wives; Women

Refer from Child study; Clubs; Social settlements; Women's clubs

Refer from Caterpillars; Insects, Injurious and beneficial; Lepidoptera

Refer from Dynamics; Force and energy; Kinematics; Kinetics (s); Mechanics; Physics; Vibration

Refer from Autoboats (s); Boats and boating; Electric boats (s); Electric launches (s); Gasoline launches (s); Launches (s); Navigation; Power boats (s); Shipbuilding

Refer from Automobiles; Bicycles and tricycles; Cycles, Motor (s); Cycling

Refer from Automobiles; Engines; Machinery; Mechanics; Motion; Physics; Power; Power transmission

Refer from Devices; Emblems; Heraldry; Literature; Quotations

Refer from Archaeology; Barrows (s); Burial; Earthworks (archaeology); Ethnology; Grave mounds (s); Graves (s); Indians; Indians — Antiquities; Kitchen middens; Mound builders (s); Tombs; Tumuli (s); U. S. — Antiquities

Refer from Cable railroads; Railroads

Mountain whites *see* Mountaineers of the South

Mountaineering

See also Alpine clubs

Mountaineers of the South

Mountains

See also Alpine clubs; Alpine plants; Avalanches; Geology; Mountaineering; Physical geography; Volcanoes; *also* names of mountains

Mourning customs

Mouse *see* Mice

Mouth

See also Teeth

Movement cure *see* Gymnastics, Medical; Mechanotherapy; Swedish movement cure

Movements of animals *see* Animal locomotion; Irritability

Movements of plants *see* Plants — Movements

Moving pictures

Refer from Alpine clubs; Mountain climbing (s); Mountains; Outdoor life; Sports

Refer from Cumberland Mountains; Kentucky; Mountain whites (s); Southern states; Tennessee

Refer from Avalanches; Geology; Orol-ogy (s); Physical geography

Refer from Death; Funeral rites and ceremonies; Manners and customs

Refer from Anatomy; Dentistry; Digestive system; Face; Head

Refer from Amusements; Animatograph (s); Biograph (s); Chronophotography (s); Cinematograph (s); Entertainments; Kinematograph (s); Kinetograph (s); Kinetoscope (s); Motion pictures (s); Photography; Pictures; Theater; Vitagraph (s); Vitascope (s)

Refer from Farm implements and machinery; Harvesting machinery

Mowing machines

See also Farm implements and machinery

Muhammedanism *see* Mohammedanism

Multiple personality *see* Personality

Mummies

See also Egypt — Antiquities; Embalming

Municipal accounts

See also Accounting; Municipal finance

Municipal administration *see* Municipal government

Municipal art

See also Cities — Planning and laying out; Municipal centers; Municipal improvement; Public buildings

Municipal bonds *see* Bonds

Municipal buildings *see* Public buildings

Municipal centers

See also Cities — Planning and laying out; Public buildings

Refer from Archaeology; Burial; Egypt — Antiquities; Embalming

Refer from Accounting; Bookkeeping; Municipal finance

Refer from Architecture; Art; Art, Municipal (s); Cities — Planning and laying out; Civic art (s); Municipal improvement

Refer from Architecture; Cities — Planning and laying out; Civic centers (s); Group plan for public buildings (s); Municipal art; Municipal improvement; Public buildings

Municipal charters *see* Charters; *also* names of cities, subhead Charters

Municipal corporations

See also Boroughs; Cities; Courts, Municipal; Municipal government; Municipal law; Towns

Municipal corruption *see* Political corruption

Municipal courts *see* Courts, Municipal

Municipal debts *see* Municipal finance

Municipal engineering

See also Municipal improvement; Pavements; Public works; Refuse and refuse disposal; Sanitary engineering; Sewerage;

Refer from Boroughs; Corporations; Eminent domain; Law; Municipal government; Municipal law; Towns

Refer from Engineering; Engineering, Municipal (s); Public works; Sanitary engineering

Street cleaning; Streets; Water — Purification; Water supply

Municipal finance

See also Bonds; Municipal accounts; Municipal government

Municipal franchises

See also Public service corporations

Municipal government

See also Charters; Cities; Local government; Municipal corporations; Municipal finance; Municipal ownership; Police; Recall; Referendum

—Commission plan

Municipal improvement

See also Baths, Public; Billposting; Building laws; Cemeteries; Cities — Planning and laying out; Electric wire and wiring; Fire protection; Garden cities; Harbors; Housing problem; Hygiene, Public; Landscape gardening; Lighting; Municipal art; Municipal centers; Neighborhood improvement; Noise; Parks; Pavements; Playgrounds; Preservation of landmarks, scenery, etc.; Public comfort stations; Railroads — Crossings; Refuse and refuse disposal; Sanitary engineering; Signs; Smoke; Streets; Tenement houses; Vacant lot cultivation

Municipal law

See also Corporation law; Law; Municipal corporations

Municipal ownership

See also Government ownership; Government regulation of industry; Municipal government; Public service corporations

Municipal reference libraries *see* Libraries,

Municipal reference

Municipal reform *see* Municipal government

Municipal trading *see* Municipal ownership

Municipalities *see* Cities

Mural decoration *see* Mural painting and decoration

Mural painting and decoration

See also Frescoes; Gesso; House painting; Mosaics; Plaster and plastering; Stucco; Tapestry; Wall paper

Murder

See also Assassination; Capital punishment; Dacoits; Infanticide; Poisons; Suicide; Thugs; Treason

Muscles

See also Anatomy; Muscular sense; Physical education; Physiology

Refer from Finance; Municipal accounts; Municipal debts (s); Municipal government; Taxation

Refer from Charters; Franchises, Municipal (s); Public service corporations

Refer from Cities; City government (s); Civics (s); Government; Local government; Municipal administration (s); Municipal corporations; Municipal finance; Municipal ownership; Municipal reform (s); Social problems; Towns

Refer from Civil service reform; Commission government (s); Des Moines plan of city government (s); Galveston plan of city government (s); Government by commission (s)

Refer from Cities — Planning and laying out; City improvement (s); Civic improvement (s); Landscape gardening; Municipal art; Municipal engineering; Parks

Refer from Corporation law; Law; Municipal corporations

Refer from Government ownership; Government regulation of industry; Monopolies; Municipal government; Municipal trading (s); Public ownership (s); Public service corporations

Refer from Architecture; Art; Ceilings; Decoration and ornament; Frescoes; House decoration; House painting; Mosaics; Mural decoration (s); Painting; Plaster and plastering; Wall decoration (s); Wall painting (s); Wall paper; Walls

Refer from Assassination; Crime and criminals; Criminal law; Death; Homicide (s)

Refer from Anatomy; Animal locomotion; Electrophysiology; Histology; Muscular action (s); Myodynamics (s); Myology (s); Physiology

Muscular action *see* Muscles

Muscular sense

See also Psychology, Physiological

Museums

See also Art — Galleries and museums; Botanical museums; Exhibitions; *also* names of museums, and names of cities, subhead Galleries and museums

Mushrooms

See also Cookery — Mushrooms; Fungi

Music

See also Anecdotes, Musical; Anthems; Bands (music); Bible — Music; Cantatas; Carols; Chamber music; Chants; Choirs; Choral music; Church music; Composition (music); Concerts; Counterpoint; Dance music; Fugue; Glee; Harmony; Hymns; Indians — Music; Instrumental music; Instrumentation and orchestration; Masses (music); Melody; Military music; Modulation; Musical accompaniment; Musical festivals; Musical form; Musical instruments, and names of instruments; Musical societies; Musicians; National songs; Opera; Oratorios; Orchestral music; Orchestras; Overtures; Phrasing (music); Program music; Rhythm; Scale (music); School music; Sight reading; Singing and voice culture; Sonatas; Songs; Sound; Symphonies; Voice

— Anecdotes, *see* Anecdotes, Musical

— **Appreciation**

See also Musical form

— Biography, *see* Musicians

— **Dictionaries**

— Essays, addresses, etc.

— **History and criticism**

See also Music — Philosophy and esthetics

— Indians, *see* Indians — Music

— **Instruction and study**

See also Instrumentation and orchestration; Piano — Instruction and study; Sight reading; Singing and voice culture; *also* names of schools and of instruments

— **Jews**

See also Bible — Music

— **Notation**

See also Tonic sol-fa

— **Philosophy and esthetics**

See also Music — Appreciation

— **Scores**

See also Choruses and part songs; Duets, Instrumental; Duets, Vocal; Opera — Scores; Orchestral music; Organ music; Piano music — Scores; Sonatas; Songs — Scores; Symphonies; Violin music

— Study and teaching, *see* Music — Instruction and study

Refer from Muscles; Psychology; Psychology, Physiological; Senses and sensation

Refer from Exhibitions

Refer from Food; Fungi; Toadstools (s)

Refer from Art; Composition (music); Instrumental music; Singing and voice culture; Sound; Vocal music (s); Voice

Refer from Appreciation of music (s); Music — Philosophy and esthetics; Musical form

Refer from Criticism

Refer from Education, Musical (s); Music — Study and teaching (s); Musical education (s); Piano — Instruction and study

Refer from Bible — Music; Jews — Music (s)

Refer from Musical notation (s); Notation (music) (s)

Refer from Esthetics; Music — History and criticism; Music — Theory

Refer from Scores (music) (s)

Music—Continued

—**Theory**

See also Canon (music); Composition (music); Counterpoint; Fugue; Harmony; Melody; Modulation; Music—Philosophy and esthetics; Musical form

—**U. S.**

See also Indians—Music; Songs, American

Music halls

See also Vaudeville

Musical accompaniment

Musical anecdotes *see* Anecdotes, Musical

Musical composition *see* Composition (music)

Musical education *see* Music—Instruction and study

Musical festivals

Musical form

See also Canon (music); Fugue; Music—Appreciation; Phrasing (music); Sonatas

Musical instruments

See also Flute; Guitar; Harp; Harpsichord; Instrumental music; Instrumentation and orchestration; Orchestral music; Organ; Piano; Reed organ; Stringed instruments; Tuning; Tuning forks; Violin; Violoncello; Wind instruments

Musical notation *see* Music—Notation

Musical societies

See also Choral societies; Musical festivals

Musicians

See also Anecdotes, Musical; Organists; Pianists; Singers; Violinists

Muslims *see* Mohammedanism

Mussulmans *see* Mohammedanism

Mutation *see* Variation (biology)

Mutiny

Mutual aid societies *see* Benefit societies

Mutual benefit societies *see* Benefit societies

Mycology *see* Fungi

Myodynamics *see* Muscles

Myology *see* Muscles

Myopia

See also Eye—Diseases and defects

Myriapoda

See also Arthropoda

Mysteries (dramatic) *see* Miracle, morality and mystery plays

Mysteries (religious)

See also Eleusinian mysteries; Mythology; Oracles

Mystery plays *see* Miracle, morality and mystery plays

Mysticism

See also Cabala; Neoplatonism; Quietism; Rosicrucians; Sufism

Mythical animals *see* Animals, Mythical

Refer from Harmony

Refer from U. S.—Music (s)

Refer from Concert halls (s); Theaters

Refer from Accompaniment, Musical (s); Composition (music); Music; Piano—Instruction and study; Singing and voice culture

Refer from Festivals; Music; Musical societies

Refer from Canon (music); Form, Musical (s); Fugue; Music; Music—Appreciation; Music—Theory; Phrasing (music); Sonatas

Refer from Flute; Harpsichord; Instrumental music; Instrumentation and orchestration; Instruments; Music; Organ; Piano; Stringed instruments; Violin; Violoncello; Wind instruments

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Refer from Crime and criminals; Maritime law; Military law

Refer from Eye—Diseases and defects; Near-sightedness (s); Nearsightedness (s); Short-sightedness (s); Sight

Refer from Arthropoda

Refer from Mythology; Religion; Religious mysteries (s); Rites and ceremonies

Refer from Philosophy; Quietism; Religion; Rosicrucians; Theology

Mythology

See also Animal worship; Animals, Mythical; Archaeology; Astronomical mythology; Classical dictionaries; Fairy tales; Fauns; Folklore; Legends; Mysteries (religious); Nature myths; Religions; Superstition; Totems and totemism

—Celtic

See also Druids

—Classical

See also Amazons; Argonauts; Classical dictionaries; Eleusinian mysteries

—Germanic

See also Mythology, Norse

—Greek, *see* Mythology, Classical

—Indians, *see* Indians — Religion

—Norse

See also Eddas; Mythology, Germanic; Sagas

—Roman, *see* Mythology, Classical

—Scandinavian, *see* Mythology, Norse

—Slavic

—Teutonic, *see* Mythology, Germanic

N rays

Nagualism

Nails and spikes

Names

See also Botany — Nomenclature; Epithets; Indians — Names; Medicine — Nomenclature; Words; Zoology — Nomenclature

—Geographical

See also Gazetteers; Indians — Names

—Personal

See also Indians — Names; Nicknames; Pseudonyms

Napoleonic wars

See also Europe — History — 1789–; France — History — Consulate and empire; Peninsular war, 1807–1814; Waterloo, Battle of

Narcotic habit

See also Cocaine; Morphine; Narcotics; Opium

Narcotics

See also Hashish; Morphine; Narcotic habit; Opium; Tobacco

Narragansett Indians

See also Algonquian Indians

Refer from Archaeology; Comparative mythology (s); Creation; Ethnology; Folklore; God; Heroes; Legends; Mysteries (religious); Paganism; Religion; Religions; Superstition

Refer from Celtic mythology (s); Druids

Refer from Amazons; Argonauts; Classical antiquities; Classical mythology (s); Eleusinian mysteries; Greek mythology (s); Mythology, Greek (s); Mythology, Roman (s); Roman mythology (s)

Refer from Germanic mythology (s); Mythology, Norse; Mythology, Teutonic (s); Teutonic mythology (s)

Refer from Mythology, Germanic; Mythology, Scandinavian (s); Norse mythology (s); Northern mythology (s); Scandinavian mythology (s)

Refer from Slavic mythology (s)

Refer from Light; Radiation; X rays

Refer from Central America — Religion; Indians of Mexico; Mexico — Antiquities, Mexico — Religion; Religions

Refer from Hardware; Railroad spikes (s); Spikes (s)

Refer from Epithets; Etymology; Language; Nomenclature (s); Terminology (s); Words

Refer from Gazetteers; Geographical names (s); Geography; Place names (s); Proper names (s)

Refer from Christian names (s); Forenames (s); Personal names (s); Proper names (s); Surnames (s)

Refer from England — History — 1714–1837; Europe — History — 1789–; France — History — Consulate and empire; French revolution; Germany — History — 1740–1815; Italy — History — 1789–1815; Peninsular war, 1807–1814; Waterloo, Battle of

Refer from Cocaine; Drug habit (s); Hygiene; Morphine; Narcotics; Opium; Temperance

Refer from Drugs; Hashish; Hygiene; Insomnia; Medicine; Morphine; Narcotic habit; Opium; Poisons; Therapeutics

Refer from Algonquian Indians

Nasal passages *see* Nose
Natal stones *see* Birth stones
National bank notes *see* Bank notes

National banks

See also Bank notes; Banks and banking;
Banks and banking — U. S.

National cemeteries *see* Cemeteries, National
National characteristics

See also Ethnopsychology; *also* names of
races, and names of countries, subhead
Social life and customs

—**American**

See also U. S. — Social life and customs;
Women in the U. S.

National debts *see* Debts, Public

National ethics *see* State ethics

National flowers

National guard, U. S., *see* U. S. — Militia;
also names of states, e.g. New York (state)
— Militia

National holidays *see* Holidays

National hymns *see* National songs

National ownership *see* Government ownership

National parks and reserves

See also Forest reserves

National resources *see* Natural resources; *also*
names of countries, subhead Industries and
resources

National road *see* Cumberland road

National songs

See also Folk songs; War songs

National university for the U. S.

Nationalism *see* Government ownership; Na-
tionalism, New; Socialism

Nationalism, New

Nationalization of land *see* Land nationaliza-
tion

Nations

Nations, Law of, *see* International law

Native races *see* Ethnology; Race problems;
also names of aboriginal races, e.g. Indians

Nativity of Christ *see* Jesus Christ — Birth

Natural gas *see* Gas, Natural

Natural history

See also Animals; Anthropology; Aquari-
ums; Bible — Natural history; Biology;
Botany; Chemistry; Ecology; Evolution;
Geology; Man; Microscope and microscopy;
Mineralogy; Naturalists; Nature; Nature
study; Ocean; Outdoor life; Paleontology;
Physical geography; Physics; Plants; Sci-
ence; Taxidermy; Zoology

—**U. S.**

See also Botany — U. S.; Zoology —
U. S.

Refer from Banks and banking; Banks and
banking — U. S.

Refer from Character; Characteristics, Na-
tional (s); Ethnology; Ethnopsychology;
Manners and customs; Race characteristics (s);
Social psychology

Refer from U. S. — National characteris-
tics (s); U. S. — Social life and customs;
Women in the U. S.

Refer from Flowers; Flowers, National (s)

Refer from Forest reserves; Parks; Public
lands; U. S. — Military reservations (s);
U. S. — National parks and reserves (s);
U. S. — Public lands

Refer from Folk songs; Music; National
hymns (s); Patriotic songs (s); Songs; Songs,
American [etc.]

Refer from Colleges and universities — U. S.;
University of the U. S., Proposed (s)

Refer from Federal government; Nation-
alism (s); New nationalism (s); State rights;
U. S. — Government

Refer from Ethnology; Government; People

Refer from Animal lore; Animals; Biology;
Botany; History, Natural (s); Natural sci-
ence (s); Nature; Nature study; Outdoor life;
Plants; Science; Zoology

Refer from U. S. — Natural history (s)

Natural law

See also International law

Natural philosophy *see* Physics

Natural religion

See also Atheism; Christianity; Creation; Deism; Ethics; Future life; God; Naturalism; Religion; Religion and science; Theology

Natural resources

See also Commercial geography; Commercial products; Conservation of resources; Forests and forestry; Geology, Economic; Mines and mineral resources; Water power

Natural rights *see* Natural law

Natural scenery *see* Landscape

Natural science *see* Natural history; Physics; Science

Natural selection

See also Evolution; Heredity; Species

Natural theology *see* Natural religion

Naturalism

See also Agnosticism; Materialism; Positivism; Realism

Naturalism in art

See also Idealism in art; Realism in art

Naturalism in literature

See also Idealism in literature; Realism in literature

Naturalists

See also Botanists; Entomologists; Ornithologists; Scientists; Zoologists

Naturalization

See also Alien and sedition laws, 1798; Aliens; Citizenship

Nature

See also Animals; Botany; Earth; Evolution; Natural history; Nature in literature; Nature in poetry; Nature myths; Nature study; Outdoor life; Plants; Science; Seasons; Zoology

Nature, Law of, *see* Natural law

Nature in literature

See also Nature in poetry

Nature in poetry

See also Nature in literature; Pastoral poetry

Nature myths

See also Animal lore; Astronomical mythology; Plant lore

Nature photography

See also Photography — Animals; Photography — Plants

Nature study

See also Animals; Animals — Habits and behavior; Animals — Stories; Birds; Bota-

Refer from Absolute rights (s); Constitutional law; Ethics; International law; Law: Law of nature (s); Liberty; Natural rights (s); Nature, Law of (s)

Refer from Atheism; God; Natural theology (s); Philosophy; Religion; Religion and science; Teleology; Theism; Theology; Theology, Natural, (s)

Refer from Commercial geography; Commercial products; Conservation of resources; Forests and forestry; Mines and mineral resources; National resources (s); Resources (s)

Refer from Darwinism(s); Evolution; Heredity; Selection, Natural(s); Species; Survival of the fittest (s); Variation (biology)

Refer from Natural religion; Philosophy; Realism

Refer from Art; Esthetics; Idealism in art; Painting; Realism in art

Refer from Esthetics; Fiction; Idealism in literature; Literature; Realism in literature

Refer from Authors; Biography; Botanists; Entomologists; Natural history; Ornithologists; Scientists; Zoologists

Refer from Aliens; Allegiance; Citizenship; Expatriation; Foreigners (s); Immigration and emigration; International law; Suffrage

Refer from Natural history; Nature study; Outdoor life; Philosophy; Physical geography; Scenery (s); Science

Refer from Literature; Nature; Nature in poetry

Refer from Nature; Nature in literature; Pastoral poetry; Poetry; Poetry of nature (s)

Refer from Animal lore; Folklore; Mythology; Nature; Plant lore

Refer from Nature study; Photography; Photography — Animals; Photography — Nature (s); Photography — Plants; Photography of nature (s)

Refer from Animals; Animals — Habits and behavior; Animals — Stories; Botany; Educa-

ny; Natural history; Nature; Nature photography; Object teaching; Plants; School gardens; Zoology

Nature worship

See also Animal worship; Elements, Worship of; Phallicism; Serpent worship; Sun worship; Totems and totemism; Tree worship

Nautical almanacs

Nautical astronomy

See also Astronomy, Spherical and practical; Latitude and longitude; Navigation

Nautical surveying *see* Hydrography

Nautical terms *see* Naval art and science — Dictionaries; Navigation — Dictionaries

Naval architecture *see* Shipbuilding

Naval art and science

See also Armor plate; Armored vessels; Blockade; Gunnery; Mines, Submarine; Naval history; Naval tactics, and other headings beginning Naval; Navies; Navigation; Navy yards and naval stations; Privateering; Sea power; Shipbuilding; Signals; Submarine boats; Submarine warfare; Target practice; Torpedo boats; Torpedoes; War; Warships

Naval artillery *see* Naval guns

Naval battles

See also Armada, 1588; Battles; Buccaneers; Naval history; Pirates; *also* names of battles and of ships

Naval biography

See also Admirals; Sailors

Naval boilers *see* Boilers, Marine

Naval education

Naval engineering *see* Marine engineering

Naval gunnery *see* Gunnery

Naval guns

Naval history

See also Admirals; Buccaneers; History; Impressment; Military history; Naval battles; Naval biography; Navigation; Pirates; Privateering; Sea power; *also* names of wars, battles, vessels and commanders, and names of countries, subheads History, Naval, and Navy

Naval hospitals *see* Hospitals, Naval and marine

Naval hygiene

See also Military hygiene; Quarantine; Seasickness

Naval militia

See also names of states, subhead Naval militia

Naval power *see* Sea power

Naval reserves *see* Naval militia

Naval science *see* Naval art and science

Naval stations *see* Navy yards and naval stations

Naval surgery *see* Surgery, Naval

tion; Kindergarten; Natural history; Nature Object teaching; Plants; Science; Science — Study and teaching; Teaching; Zoology

Refer from Elements, Worship of; Worship

Refer from Almanacs; Astronomy; Ephemerides (s); Navigation

Refer from Astronomy; Astronomy, Spherical and practical; Navigation

Refer from Fighting (s); Military art and science; Naval science (s); Naval tactics. Naval warfare (s); Navies; Navy (s); Science; Sea power; Ships; Strategy (s); War; Warships

Refer from Battles; Naval history; Sea fights (s)

Refer from Admirals; Biography; Naval history; Sailors

Refer from Education; Education, Naval (s)

Refer from Artillery; Guns; Naval artillery (s); Ordnance

Refer from History; History, Naval (s); Military history; Naval art and science; Naval battles; Navigation; Sea power

Refer from Hygiene; Hygiene, Naval (s); Medicine; Military hygiene; Occupations — Diseases and hygiene; Sanitation

Refer from Militia; Naval reserves (s) U. S. — Militia; U. S. — Naval militia (s) U. S. — Navy

Naval tactics

See also Naval art and science

Naval warfare *see* Naval art and science

Navies

See also Armies; Armored vessels; Coaling stations; Disarmament; Militarism; Naval art and science; Navy yards and naval stations; Sea power; Warships, *also* names of countries, subhead Navy, or Army and navy

Navigation

See also Aeronautics; Beacons; Boats and boating; Buoys; Canoes and canoeing; Collisions at sea; Commerce; Compass; Fog signals; Harbors; Hydrography; Inland navigation; Knots and splices; Latitude and longitude; Lifeboats; Lighthouses; Motor boats; Nautical almanacs; Nautical astronomy; Naval history; Ocean; Ocean travel; Pilot guides; Pilots and pilotage; Rowing; Rule of the road; Sailing; Sailors; Shipbuilding; Shipping; Ships; Shipwrecks; Signals; Sounding and soundings; Steam navigation; Steamboats; Submarine boats; Traverse tables; Voyages and travels; Yachts and yachting

—Inland, *see* Inland navigation

Navigation laws *see* Maritime law

Navy *see* Naval art and science; Navies; *also* names of countries, subhead Navy, or Army and navy

Navy yards and naval stations

Near-sightedness *see* Myopia

Nearsightedness *see* Myopia

Nebulae

See also Astronomy; Meteoritic hypothesis; Nebular hypothesis

Nebular hypothesis

See also Astronomy; Nebulae

Necessity

See also Freedom of the will; Predestination

Necrologies *see* Obituaries

Necromancy *see* Conjuring; Magic; Witchcraft

Needles *see* Pins and needles

Needlework

See also Beadwork; Crocheting; Drawn work; Dressmaking; Embroidery; Fancy work; Knitting; Lace; Mending and repairing; Samplers; Sewing machines; Sewing schools; Tailoring; Tapestry

Negligence

See also Agency; Bailments; Damages; Employers' liability

Negotiable instruments

See also Bonds; Commercial law; Exchange; Interest; Investments; Mortgages; Securities; Stocks

Negro dialect

See also Recitations and readings, Dialect

Refer from Naval art and science; Tactics

Refer from Armaments (s); Armies; Armored vessels; Disarmament; Fleets (s); Militarism; Military power (s); Naval art and science; Navy (s); Sea power; Ships; War; Warships

Refer from Astronomy, Spherical and practical; Boats and boating; Carriers; Commerce; Hydrography; Latitude and longitude; Locomotion; Mathematics; Nautical astronomy; Naval art and science; Naval history; Ocean; Sailing; Seamanship (s); Ships; Steam navigation; Traverse tables; Trigonometry; Waterways; Yachts and yachting

Refer from Naval art and science; Naval stations (s); Navies

Refer from Astronomy; Meteoritic hypothesis; Nebular hypothesis

Refer from Astronomy; Nebulae; Planets; Solar system; Universe

Refer from Freedom of the will; Metaphysics; Philosophy

Refer from Arts and crafts; Domestic arts; Dressmaking; Embroidery; Fancy work; Home economics; Lace; Manual training; Sewing (s); Sewing schools; Stitches (s); Women

Refer from Agency; Bailments; Carriers; Contracts; Contributory negligence (s); Damages; Employers' liability; Law; Occupations, Dangerous

Refer from Commercial law; Commercial paper (s); Credit; Law; Securities

Refer from English language — Dialects; Negroes

Negro melodies *see* Negro songs
Negro minstrels *see* Minstrel shows
Negro songs

See also Jubilee singers

Negro suffrage

See also Negroes — Political and social conditions

Negroes

See also Color of man; Freedmen; Maroons; Negro dialect; Negro songs; Negro suffrage; Race problems — U. S.; Slave trade; Slavery; Slavery in the U. S.; Southern states

— **Biography**

— **Colonization** [for colonization in America]

See also Africa — Colonization

— **Education**

— **Folklore**

— **History**

— **Political and social conditions**

See also Negro suffrage

— **Religion**

— **Social life and customs**

See also Voodooism

— **Suffrage**, *see* Negro suffrage

Negroes in the American revolution *see* U. S. —

History — Revolution — Negro troops

Negroes in the civil war *see* U. S. — History —

Civil war — Negro troops

Neighborhood guilds

Neighborhood improvement

See also Playgrounds; Tree planting;

Vacant lot cultivation

Neighborhood work *see* Social settlements

Neo-Latin languages *see* Romance languages

Neolithic period *see* Stone age

Neoplatonism

Nerves

See also Nervous system

Nervous diseases *see* Nervous system — Diseases

Nervous exhaustion *see* Neurasthenia

Nervous prostration *see* Neurasthenia

Nervous system

See also Anatomy; Brain; Electrophysiology; Fatigue; Inhibition; Mind and body; Nerves; Physiology; Psychology, Physiological; Rest; Spine; Temperament

— **Diseases**

See also Epilepsy; Headache; Hysteria; Mental diseases; Neuralgia; Neurasthenia; Worry

Nestorians

See also Eastern churches

Nests

See also Animals — Habitations; Birds; Birds' eggs

Neuralgia

See also Nervous system — Diseases

Refer from Folk songs; Negro melodies (s); Negroes; Plantation songs (s); Songs; Songs, American

Refer from Negroes; Negroes — Political and social conditions; Negroes — Suffrage (s); Suffrage

Refer from Colored people (s); Ethnology; Freedmen; Race problems; Race problems — U. S.; Slavery; Slavery in the U. S.; Southern states

Refer from Africa — Colonization; Colonization of negroes (s)

Refer from Education

Refer from Folklore — Negroes (s)

Refer from Negro suffrage

Refer from Clubs; Gilds; Social settlements

Refer from Municipal improvement; Social settlements

Refer from Dualism; Hellenism; Mysticism; Philosophy; Platonists; Theosophy

Refer from Electrophysiology; Nervous system

Refer from Anatomy; Brain; Electrophysiology; Mind and body; Nerves; Neurology (s); Physiology; Psychology, Physiological; Spine; Temperament

Refer from Diseases (s); Hysteria; Medicine — Practice; Mental diseases; Nervous diseases (s); Neuralgia; Neurasthenia; Neuropathology (s)

Refer from Eastern churches; Sects

Refer from Animals — Habitations; Birds; Birds' nests (s); Zoology

Refer from Medicine — Practice; Nervous system — Diseases

Neurasthenia

See also Fatigue, Mental; Nervous system — Diseases

Neurology *see* Nervous system

Neuropathology *see* Nervous system — Diseases

Neuroptera

See also Insects

Neutrality

See also Alabama claims; Blockade; Contraband of war; International law; Search, Right of; Trent affair, 1861

New church *see* New Jerusalem church

New Englanders in the West

New France *see* Canada — History — To 1763 (New France)

New Jerusalem church

New nationalism *see* Nationalism, New

New Testament *see* Bible — New Testament

New thought

New year

New York artillery

See also New York (state) — Militia

New York cavalry

See also New York (state) — Militia

New York infantry

See also New York (state) — Militia

New York volunteer artillery *see* New York artillery

New York volunteer cavalry *see* New York cavalry

New York volunteer infantry *see* New York infantry

Newsboys

Newspaper clippings *see* Clippings

Newspaper work *see* Journalism; Reporting

Newspapers

See also Advertising; Clippings; Editorials; Journalism; Liberty of the press; Periodicals; Publicity; Reporting

—England

See also Periodicals — England

—U. S.

See also Periodicals — U. S.

Nicene creed

Refer from Exhaustion (s); Fatigue, Mental; Medicine — Practice; Nervous exhaustion (s); Nervous prostration (s); Nervous system — Diseases

Refer from Insects

Refer from Blockade; Commerce; Contraband of war; International law; Maritime law; Prizes (international law); Search, Right of; War

Refer from New England; Western states

Refer from Church of the New Jerusalem (s); New church (s); Sects; Swedenborgianism (s)

Refer from Ethics; Higher thought (new thought) (s); Mental healing; Mental hygiene; Metaphysics; Mind and body; Philosophy; Philosophy, Modern; Psychology; Spiritual life; Suggestion

Refer from Holidays

Refer from Artillery; New York (state) — Militia; New York volunteer artillery (s); U. S. — Army; Volunteers (U. S. army) (s)

Refer from Cavalry; New York (state) — Militia; New York volunteer cavalry (s); U. S. — Army; Volunteers (U. S. army) (s)

Refer from Infantry; New York (state) — Militia; New York volunteer infantry (s); U. S. — Army; Volunteers (U. S. army) (s)

Refer from Boys; Child labor

Refer from Communication; Journalism; Liberty of the press; Literature; Periodicals; Press (s); Yellow journalism (s)

Refer from England — Newspapers (s); English literature; English newspapers (s); Periodicals — England

Refer from American literature; American newspapers (s); Periodicals — U. S.; U. S. — Newspapers (s)

Refer from Catholic church — Catechisms and creeds; Church of England — Catechisms and creeds; Creeds

Nickel

See also Metals; Nickel steel

Nickel steel

See also Armor plate

Nicknames

See also Epithets; Pseudonyms

Night

See also Dew; Dreams; Nightmare; Sleep; Somnambulism

Night schools *see* Evening and continuation schools

Nightmare

See also Dreams

Nihilism

See also Anarchism and anarchists; Russia — Politics; Russia — Social conditions

Nineteenth century

See also English literature — History and criticism — 19th century; Europe — History — 1789–; History, Modern

Nitrification

See also Soil bacteriology; Soil inoculation

Nitrifying bacteria *see* Nitrification; Soil bacteriology

Nitrogen

See also Alkaloids; Nitrification

Nitroglycerin

See also Explosives

Nobel prizes

Nobility *see* Aristocracy; Heraldry; Peerage

Noise

See also Sound

Nomads

See also Bedouins; Gipsies

Nomenclature *see* Names; *also* under subject, e.g. Botany — Nomenclature; Medicine — Nomenclature; Zoology — Nomenclature

Nominations

See also Caucus; Election laws; Elections; Political conventions; Primaries

Noms de plume *see* Pseudonyms

Nonconformists *see* Dissenters

Nonjurors

See also Church of England

Nonresistance

See also Friends, Society of; Peace

Nonsense verse

See also Limericks; Nursery rhymes

Normal schools

See also Teachers — Training

Refer from Metals

Refer from Armor plate; Nickel; Steel

Refer from Epithets; Names, Personal; Pseudonyms; Sobriquets (s); Soubriquets (s)

Refer from Days

Refer from Dreams; Incubus (s); Night; Sleep

Refer from Anarchism and anarchists; Government; Philosophy; Russia; Secret societies

Refer from Europe — History — 1789–; History, Modern; Progress

Refer from Agricultural chemistry; Bacteriology, Agricultural; Fertilizers and manures; Nitrifying bacteria (s); Nitrogen; Soil bacteriology; Soil inoculation; Soils

Refer from Chemical elements; Gases

Refer from Explosives

Refer from Rewards (prizes, etc.)

Refer from Municipal improvement; Nuisances; Sound

Refer from Bedouins; Gipsies

Refer from Caucus; Civil service; Direct nominations (s); Election laws; Elections; Elections — U. S.; Government; Office, Nominations for (s); Political conventions; Politics; Primaries; Representative government and representation

Refer from Church of England; Dissenters; England — History — Stuarts; England — Religious history; Jacobites; Puritans

Refer from Peace

Refer from Humor; Limericks; Nursery rhymes; Poetry

Refer from Education; Schools; Teachers; Teachers — Training

Norman conquest *see* England — History — Normans

Normans

See also England — History — Normans; Normandy; Northmen

Norse literature *see* Icelandic literature; Scandinavian literature

Norse mythology *see* Mythology, Norse

Norsemen *see* Northmen

North American Indians *see* Indians

North pole

See also Arctic regions

Northeast boundary of the U. S.

Northeast passage

See also Arctic regions

Northeastern boundary of the U. S. *see* Northeast boundary of the U. S.

Northern lights *see* Auroras

Northern mythology *see* Mythology, Norse

Northmen

See also America — Discovery and exploration — Pre-Columbian; Iceland — History; Normans; Norway — History; Sagas; Scandinavia — History

Northwest, Canadian

Northwest, New, *see* Northwestern states

Northwest, Old, *see* Northwest Territory, U. S.

Northwest boundary of the U. S.

Northwest passage

See also Arctic regions

Northwest Territory, U. S.

See also Illinois; Indiana; Michigan; Middle states; Ohio; Ordinance of 1787; Western Reserve; Wisconsin

Northwestern boundary of the U. S. *see* Northwest boundary of the U. S.

Northwestern states

See also Oregon trail; Western states; also names of states and regions

Norwegian language

See also Scandinavian languages

Norwegian literature

See also Danish literature; Scandinavian literature

Norwegians in the U. S.

See also Scandinavians in the U. S.

Nose

See also Catarrh; Respiratory organs; Smell

Notaries

See also Acknowledgments; Affidavits

Notation (mathematics)

See also Decimal system

Notation (music) *see* Music — Notation

Novelists

See also Authors

Novels *see* Fiction

Refer from England — History — Normans; Northmen

Refer from Arctic regions; Earth; Polar regions (s)

Refer from Boundaries; Northeastern boundary of the U. S. (s); U. S. — Boundaries

Refer from Arctic regions; Discoveries and explorations

Refer from America — Discovery and exploration — Pre-Columbian; Iceland — History; Middle ages — History; Normans; Norsemen (s); Norway — History; Scandinavia — History; Sea kings (s); Vikings (s)

Refer from Canada; Canadian Northwest (s)

Refer from Boundaries; Northwestern boundary of the U. S. (s); U. S. — Boundaries

Refer from Arctic regions; Discoveries and explorations

Refer from Middle states; Northwest, Old (s); Old Northwest (s); Ordinance of 1787; U. S. — History; Western states

Refer from Northwest, New (s); Western states

Refer from Germanic languages; Scandinavian languages

Refer from Danish literature; Scandinavian literature

Refer from Scandinavians in the U. S.; U. S. — Foreign population

Refer from Anatomy; Face; Head; Nasal passages (s); Respiratory organs; Smell

Refer from Commercial law; Law

Refer from Arithmetic; Mathematical notation (s); Mathematics

Refer from Authors; Fiction

Nucleation, Atmospheric, *see* Atmospheric nucleation

Nude in art

See also Art and morals

Nuisances

See also Noise; Smoke

Nullification

See also Kentucky and Virginia resolutions, 1798; State rights

Numbers [theory of]

See also Arithmetic; Groups, Theory of; Magic squares; Numerals

Numerals [the signs and words]

See also Numbers

Numismatics

See also Bible — Numismatics; Coinage; Medals; Money; Seals (numismatics)

Nunneries *see* Convents and nunneries

Nuns

See also Carmelites; Convents and nunneries; Religious orders; Sisterhoods; Sisters of charity; Ursulines

Nurseries (horticulture)

See also Forest nurseries

Nurseries, Day, *see* Crèches

Nursery rhymes

See also Children's poetry; Counting out; Nonsense verse

Nurses and nursing

See also Children — Care and hygiene; Cookery for the sick; Diet; First aid in illness and injury; Hospitals; Invalids; Red cross; School nurses; Sisters of charity

Nutation

See also Astronomy, Spherical and practical

Nutrition

See also Absorption (physiology); Diet; Digestion; Food; Metabolism

Nutrition of plants *see* Plants — Chemistry and nutrition

Nuts

Nuts (machinery) *see* Bolts and nuts

Oak trees *see* Oaks

Oaks

Oarsmanship *see* Rowing

Oases

See also Deserts

Oaths

See also Perjury; Swearing

Oats

See also Grain

Obedience

Obelisks

See also Egypt — Antiquities

Oberammergau passion play

Obesity *see* Corpulence

Refer from Art; Art and morals; Human figure in art (s)

Refer from Hygiene, Public; Law

Refer from Government; State rights; U. S. — Politics

Refer from Algebra; Arithmetic; Mathematics; Numerals

Refer from Arabic numerals (s); Arithmetic; Mathematics; Numbers

Refer from Archaeology; Art; Coins (s); History; History, Ancient; Medals; Money; Seals (numismatics)

Refer from Convents and nunneries; Monasticism; Religious orders; Sisterhoods; Women

Refer from Fruit culture; Gardening

Refer from Children's poetry; Children's songs; Folklore; Nonsense verse; Poetry of childhood (s)

Refer from Charities; Children — Care and hygiene; District nurses (s); Hospitals; Hygiene; Invalids; Medicine; Medicine — Practice; Therapeutics; Trained nurses (s); Women

Refer from Astronomy; Astronomy, Spherical and practical; Earth; Latitude and longitude

Refer from Assimilation (s); Diet; Digestion; Food; Metabolism; Physiology

Refer from Food; Fruit; Trees

Refer from Oak trees (s); Trees

Refer from Deserts

Refer from Ethics; Government; Perjury; Swearing

Refer from Feeding and feeding stuffs; Grain

Refer from Conduct of life; Ethics

Refer from Archaeology; Architecture; Egypt — Antiquities; Monuments

Refer from Passion plays

Obituaries

See also Epitaphs; Funeral sermons; Inscriptions

Object teaching

See also Kindergarten; Nature study; Observation; Quincy system

Observation

Observations, Magnetic, *see* Magnetism, Terrestrial — Observations

Observations, Meteorological, *see* Meteorology — Observations

Observatories, Astronomical, *see* Astronomical observatories

Observatories, Meteorological, *see* Meteorological observatories

Obstetrics

Refer from Biography; Death notices (s); Epitaphs; Funeral sermons; Inscriptions; Necrologies (s)

Refer from Education; Education, Elementary; Kindergarten; Nature study; Quincy system; Teaching

Refer from Attention; Object teaching; Psychology; Psychology, Educational

Occult sciences

See also Alchemy; Astrology; Cabala; Crystal gazing; Demonology; Divination; Magic; Oracles; Psychical research; Second sight; Spiritualism; Theosophy; Witchcraft

Occupations

See also Astronomy; Astronomy, Spherical and practical

Occupational diseases *see* Occupations — Diseases and hygiene

Occupations

See also Business; Handicraft; Profession, Choice of; Professions; Vocational education; Women — Occupations; *also* names of occupations

—Dangerous

See also Accidents; Employers' liability; Mine accidents; Negligence; Occupations — Diseases and hygiene; Railroads — Accidents; Safety devices

—Diseases and hygiene

See also Caisson disease; Dust; Lead poisoning; Military hygiene; Naval hygiene; Occupations, Dangerous; School hygiene

Refer from Medicine — Practice; Midwifery (s); Women — Diseases

Refer from Alchemy; Astrology; Cabala; Demonology; Devil worship; Divination; Hermetic art (s); Magic; Psychical research; Science; Superstition; Witchcraft

Refer from Astronomy; Astronomy, Spherical and practical; Eclipses; Moon; Planets

Refer from Business; Handicraft; Labor and laboring classes; Profession, Choice of; Professions; Success; Trades (s); Vocations (s)

Refer from Accidents; Dangerous occupations (s); Employers' liability; Industrial arts; Injurious occupations .(s); Occupations — Diseases and hygiene

Refer from Diseases (s); Hygiene; Hygiene, Industrial (s); Hygiene, Public; Hygiene of employment (s); Industrial diseases (s); Industrial hygiene (s); Occupational diseases (s); Occupations, Dangerous

Ocean

See also Algae; Coast changes; Commerce; Dredging; Hydrography; Icebergs; Marine biology; Marine zoology; Navigation; Ocean currents; Ocean travel; Phosphorescence; Physical geography; Sailors; Sea food; Sea level; Sea stories; Sea walls; Sea water; Seashore; Seasickness; Ships; Shipwrecks; Sounding and soundings; Tides; Voyages and travels; Waves; *also* headings beginning Marine and Naval

Ocean currents

Refer from Dredging; Earth; Hydrography; Marine zoology; Meteorology; Natural history; Navigation; Oceanography (s); Physical geography; Sea (s); Seashore; Thalassography (s); Tides; Water

Refer from Currents (s); Hydrography; Ocean

Ocean life *see* Marine biology; Seafaring life

Ocean travel

See also Sailors; Seasickness; Steamboats; Steerage; Travel; Voyages and travels

Refer from Navigation; Ocean; Steamboats; Travel; Voyages and travels

Oceanic languages

See also Philippine languages; Polynesian languages

Refer from Language; Philippine languages; Polynesian languages

Oceanography *see* Hydrography; Ocean
Octateuch *see* Bible — Old Testament — Oc-
tateuch

Odd Fellows

Odes

See also Lyric poetry

Odontology *see* Teeth

Odors

See also Incense; Perfumery; Smell

Oecology *see* Ecology

Office, Nominations for, *see* Nominations

Office, Tenure of, *see* Civil service

Office supplies

See also Card system in business; Cash
registers

Official publications *see* Government publica-
tions

Oil *see* Essences and essential oils; Oils and
fats; Petroleum

Oil engines *see* Gas and oil engines

Oil painting

See also Painting

Oil wells *see* Petroleum

Oils, Essential, *see* Essences and essential oils

Oils and fats

See also Chemistry, Technical; Essences
and essential oils; Lubrication and lubri-
cants; Petroleum

Old age

See also Age; Age limit of employment;
Homes for the aged; Longevity; Old age
pensions

Old age homes *see* Homes for the aged

Old age pensions

See also Civil service pensions

Old English language *see* Anglo-Saxon lan-
guage; English language — Middle English

Old English literature *see* Anglo-Saxon litera-
ture; English literature — History and crit-
icism — Middle English

Old ladies' homes *see* Homes for the aged

Old maids *see* Spinsters

Old Northwest *see* Northwest Territory, U. S.

Old Saxon language

See also Germanic languages; Low German
language

Old Testament *see* Bible — Old Testament

Oleomargarine

Oligarchy

Olympic games

Omens

See also Astrology; Divination; Oracles

Omnibuses

Onomatopoeia

Ontology *see* Being; Metaphysics; Philosophy

Oology *see* Birds' eggs

Refer from Benefit societies; Independent
order of Odd Fellows (s); Secret societies

Refer from Lyric poetry; Poetry

Refer from Flowers; Perfumes (s); Scent (s)

Refer from Business

Refer from Painting

Refer from Animal fats (s); Animal oils (s);
Animal products; Chemistry, Technical; Coal-
tar products; Fat (s); Fats (s); Grease (s);
Lubrication and lubricants; Mineral oils (s);
Oil (s); Vegetable oils (s)

Refer from Age; Aged (s); Aged poor (s);
Longevity .

Refer from Aged poor (s); Insurance, State
and compulsory; Labor and laboring classes;
Old age; Pensions; Poor; Thrift

Refer from Germanic languages; Low Ger-
man language; Saxon language (s)

Refer from Butter; Dairy products; Food
adulteration and inspection

Refer from Aristocracy; Government

Refer from Athletics; Games; Greece —
Social life and customs; Sports

Refer from Divination; Portents (s); Pres-
ages (s); Signs (omens) (s); Superstition;
Warnings (s)

Refer from Carriages; Carriers; Coaches
and coaching; Transportation; Vehicles

Refer from Language; Rhetoric

Open-air schools

Open and closed shop

See also Labor unions

Open shop *see* Open and closed shop

Opera

See also Operettas; Overtures

—— **Librettos**

—— **Scores**

Opera houses *see* Theaters

Operations, Surgical, *see* Surgery

Operettas

See also Opera

Ophidia *see* Snakes

Ophthalmia

See also Eye — Diseases and defects

Ophthalmology *see* Eye

Opinion *see* Belief; Public opinion

Opium

See also Morphine; Narcotic habit; Narcotics

Opportunity

See also Success

Optical chemistry *see* Photochemistry

Optical illusions

See also Mirage

Optical instruments

See also Astronomical instruments; Kaleidoscope; Lenses; Microscope and microscopy; Polaroscope; Reflection (light); Spectacles; Spectroscope; Stereopticon; Stereoscope; Telescope

Optical interference *see* Interference (light)

Optics *see* Light

Optics, Physiological, *see* Eye; Optical instruments; Sight

Optimism

See also Cheerfulness; Pessimism

Oracles

Oral arithmetic *see* Arithmetic

Orange

See also Fruit

Orangemen

Oranges *see* Orange

Orations

See also After-dinner speeches; Oratory

—— **American**

See also Fourth of July orations

—— **English**

Refer from Education; Forest schools (s); Fresh air schools (s); Hygiene; Outdoor schools (s); Public schools; School hygiene; Schools; Tuberculosis

Refer from Closed shop (s); Labor and laboring classes; Labor unions; Open shop (s); Strikes and lockouts; Union shop (s)

Refer from Amusements; Drama; Dramatic music (s); Grand opera (s); Music; Operettas; Theater

Refer from Librettos (s)

Refer from Music — Scores

Refer from Comic operas (s); Dramatic music (s); Light operas (s); Opera

Refer from Eye — Diseases and defects

Refer from Agricultural products; Agriculture — Tropics; Morphine; Narcotic habit; Narcotics; Temperance

Refer from Conduct of life; Success

Refer from Illusions and hallucinations; Light; Sight

Refer from Aberration; Glass manufacture; Instruments; Light; Optics, Physiological (s); Reflection (light); Scientific apparatus and instruments

Refer from Cheerfulness; Happiness; Pessimism; Philosophy

Refer from Mysteries (religious); Occult sciences; Omens; Prophecies; Religion; Superstition

Refer from Fruit; Oranges (s)

Refer from Ireland — Politics; Ireland — Religious history

Refer from Addresses (s); Declamation (s); Literature; Oratory; Recitations and readings; Speeches (s)

Refer from American literature; American orations (s)

Refer from English literature; English orations (s)

Oratorios

See also Cantatas

Orators**Oratory**

See also Debating; Elocution; Eloquence; Gesture; Lectures and lecturing; Orations; Orators; Preaching; Rhetoric; Voice

Orbits

See also Mechanics, Celestial; Perturbation

Orchard heating *see* Frost protection

Orchards *see* Fruit; Fruit culture

Orchestral music

See also Instrumental music; Instrumentation and orchestration; Overtures; Symphonies

Orchestras

See also Bands (music); Conducting (music); Orchestral music; Stringed instruments

Orchestration *see* Instrumentation and orchestration

Orchids

See also Floriculture

Ordeals

See also Fire walk

Order of Malta *see* Malta, Knights of

Order of St. George (English) *see* Garter, Order of the

Order of St. John of Jerusalem *see* Malta, Knights of

Order of the Garter *see* Garter, Order of the

Order of Teutonic knights *see* Teutonic knights

Order of the Rosy cross *see* Rosicrucians

Order of the Temple *see* Templars; also Freemasons — Templars

Orders, Architectural, *see* Orders of architecture

Orders, Monastic, *see* Monasticism

Orders, Religious, *see* Religious orders

Orders of architecture

See also Architecture, Greek; Columns

Orders of knighthood *see* Knights and knighthood

Ordinance of 1787

See also Northwest Territory; U. S. — History — 1783-1812

Ordination

See also Clergy

Ordnance

See also Ammunition; Arsenals; Artillery; Ballistics; Firearms; Gunnery; Gunpowder; Guns; Military art and science; Naval guns; Projectiles

Ordovician period *see* Geology, Stratigraphic — Ordovician; Paleontology — Ordovician

Ore deposits

See also Geology, Economic; Iron ores; Mines and mineral resources; Ores

Ore dressing *see* Ore treatment

Refer from Church music; Music; Sacred music (s)

Refer from Biography; Oratory; Speakers (s)

Refer from Debating; Elocution; Eloquence; Lectures and lecturing; Orations; Preaching; Public speaking (s); Rhetoric; Speaking (s); Speeches (s); Voice

Refer from Astronomy; Mechanics, Celestial; Perturbation; Planets

Refer from Instrumental music; Music; Music — Scores; Musical instruments; Orchestras; Symphonies

Refer from Bands (music); Conducting (music); Instrumental music; Music

Refer from Floriculture; Flowers

Refer from Criminal law; Manners and customs; Trials

Refer from Architecture; Architecture, Greek; Columns; Orders, Architectural (s)

Refer from Northwest Territory; U. S. — History — 1783-1812

Refer from Bishops; Church polity; Clergy; Episcopacy; Priests; Rites and ceremonies; Sacraments

Refer from Ammunition; Arms and armor; Artillery; Ballistics; Cannon (s); Firearms; Gunnery; Guns; Military art and science; Projectiles

Refer from Geology; Geology, Economic; Metals; Mineral lands (s); Mines and mineral resources; Ores

Ore treatment

See also Cyanide process; Electrometallurgy; Magnetic separation of ores; Metallurgy; Smelting

Oregon trail**Ores**

See also Assaying; Geochemistry; Geology, Economic; Iron ores; Metallurgy; Metals; Mineralogy; Mines and mineral resources; Ore deposits; Ore treatment; *also* names of metals

Organ

See also Musical instruments; Organ music; Organists; Reed organ

Organ music

See also Church music

Organic chemistry *see* Chemistry, Organic

Organists

See also Musicians

Organized charity *see* Charity organization

Organized labor *see* Labor unions

Organography *see* Anatomy; Botany, Structural; Morphology

Organotherapy

See also Serum therapy

Organs *see* Organ

Orient *see* East

Oriental architecture *see* Architecture, Oriental

Oriental civilization *see* Civilization, Oriental

Oriental languages

See also Armenian language; Chinese language; Dravidian languages; Indo-Aryan languages; Iranian languages; Japanese language; Semitic languages; Tamil language and literature

Oriental literature

See also Arabic literature; Assyro-Babylonian literature; Chinese literature; Hebrew literature; Hindu literature; Japanese literature; Persian literature; Sanskrit literature; Tamil language and literature

Oriental philosophy *see* Philosophy, Oriental

Orientation**Orientation (architecture)**

Origin of life *see* Life — Origin

Origin of man *see* Man — Origin and antiquity

Origin of species *see* Evolution; Species

Original sin *see* Sin

Oriskany formation *see* Geology, Stratigraphic — Devonian; Paleontology — Devonian

Ornament *see* Decoration and ornament

Ornamental alphabets *see* Illumination of manuscripts and books; Lettering

Ornamental design *see* Design, Decorative

Ornithologists

See also Naturalists

Ornithology *see* Birds

Orology *see* Mountains

Orphan asylums *see* Orphans and orphan asylums

Refer from Metallurgy; Ore dressing (s); Ores; Smelting

Refer from Indian trails; Roads — U. S.; Northwestern states; Trails (s); Western states

Refer from Assaying; Geochemistry; Geology, Economic; Metallurgy; Metals; Mineralogy; Minerals (s); Mines and mineral resources; Ore deposits

Refer from Musical instruments; Organs (s); Pipe organ (s)

Refer from Church music; Instrumental music; Music — Scores; Organ

Refer from Musicians; Organ

Refer from Therapeutics

Refer from Armenian language; Asiatic languages (s); Chinese language; Dravidian languages; Indo-Aryan languages; Iranian languages; Japanese language; Language; Semitic languages

Refer from Arabic literature; Asia — Literature (s); Asiatic literature (s); Assyro-Babylonian literature; Chinese literature; Hebrew literature; Hindu literature; Japanese literature; Literature; Persian literature; Sanskrit literature; Tamil language and literature

Refer from Animals — Habits and behavior; Animals — Orientation (s); Direction, Sense of (s); Instinct

Refer from Architecture; Church architecture

Refer from Naturalists; Scientists; Zoologists

Orphans and orphan asylums

See also Adoption; Charity schools; Children — Charities, protection, etc.; Foundlings

Orthodox eastern church *see* Greek church

Orthodoxy

See also Calvinism; Congregationalism

Orthoepy *see* Phonetics; Pronunciation

Orthographic projection *see* Projection

Orthography *see* Spelling

Orthopedics *see* Deformities

Orthoptera

See also Insects; Locusts

Osmosis

See also Absorption (physiology); Chemistry, Physical; Solution (chemistry)

Osteology *see* Bones

Osteopathy

See also Mechanotherapy

Ostriches

See also Birds

Ostrogoths *see* Goths

Otology *see* Ear

Outdoor life

See also Camping; Country life; Farm life; Fishing; House boats; Hunting; Mountaineering; Natural history; Nature; Picnics; Sports; Vacations; Walking; Wayfaring life

Outdoor relief

See also Charities

Outdoor schools *see* Open-air schools

Outlaws

See also Brigands and robbers; Crime and criminals

Ovens

See also Baking; Stoves

Overland journeys to the Pacific [for pre-rail-road journeys only]

See also Frontier and pioneer life; Western states

Overpressure (education)

See also Curriculum; Overwork

Overtures

Overwork

See also Fatigue; Overpressure (education); Rest

Ownership *see* Property

Ox *see* Oxen

Oxen

See also Cattle; Live stock

Oxford movement

Oxygen

Oysters

See also Bivalves; Pearls

Ozone

Pacific cable *see* Cables, Submarine

Refer from Asylums; Charities; Charity schools; Children; Children — Charities, protection, etc.; Foundlings; Homes (institutions) (s); Orphan asylums (s)

Refer from Calvinism; Congregationalism; Theology

Refer from Insects; Locusts

Refer from Absorption (physiology); Cells; Chemistry, Physical; Fluids; Physics; Physiological chemistry; Solution (chemistry)

Refer from Mechanotherapy; Therapeutics

Refer from Birds

Refer from Camping; Country life; Natural history; Nature; Rural life (s); Sports; Vacations; Wayfaring life

Refer from Charities; Relief work (s)

Refer from Brigands and robbers; Crime and criminals

Refer from Baking; Cookery; Stoves

Refer from Frontier and pioneer life; Transcontinental journeys, U. S. (s); U. S. — Description and travel; Western states

Refer from Curriculum; Education; Fatigue, Mental; Overwork; School hygiene; School management

Refer from Instrumental music; Music; Opera; Orchestral music

Refer from Fatigue; Hygiene; Overpressure (education); Work

Refer from Cattle; Live stock; Ox (s)

Refer from Catholic church; Church of England; Puseyism (s); Tractarianism (s)

Refer from Chemical elements; Gases

Refer from Bivalves; Food; Mollusks; Sea food

Refer from Air; Gases

Pacific coast

See also Pacific states

Pacific states

See also Frontier and pioneer life; Pacific coast; Western states; *also* names of states

Pacing *see* Horse; Horse racing

Pack transportation

Packing for shipment

Packing houses

See also Packing industry

Packing industry

See also Beef; Meat; Meat inspection; Packing houses; Slaughtering and slaughterhouses

Padrone system

See also Contract labor

Pagan civilization *see* Civilization, Pagan

Paganism

See also Idolatry; Mythology

Pageants

See also Coronations; Festivals; Play festivals; Processions

Pain

See also Anesthetics; Pleasure; Suffering; Vivisection

Paint

See also Chemistry, Technical; Color; Corrosion and anti-corrosives; Painting

Painted glass *see* Stained glass

Painters

See also Artists

Painting

See also Anatomy, Artistic; Animal painting and illustration; Art; China painting; Christian art and symbolism; Color; Composition (art); Decoration and ornament; Drawing; Esthetics; Figure painting; Flower painting and drawing; Frescoes; Idealism in art; Illumination of manuscripts and books; Impressionism (art); Landscape painting; Marine painting; Miniature painting; Mural painting and decoration; Naturalism in art; Oil painting; Paint; Painters; Painting, Mechanical; Paintings; Pastel; Perspective; Portrait painting; Prerafaelism; Proportion (art); Realism in art; Scene painting; Sepia painting; Stained glass; Stencil work; Water color painting

—**Italian**

—**Mechanical**

See also Carriage painting; Color; Gilding; Graining; House painting; Lettering; Marbling; Paint; Sign painting; Stains and staining; Varnish and varnishing; Wood finishing

Paintings

See also Art — Exhibitions; Art — Galleries and museums; Art forgeries; Madonnas; Painting; Pictures; Portraits

Paints *see* Paint

Refer from Pacific states

Refer from Pacific coast; Western states

Refer from Horse; Transportation

Refer from Baggage; Commerce; Transportation

Refer from Architecture; Packing industry

Refer from Beef; Canned food (s); Food supply; Meat; Packing houses; Slaughtering and slaughterhouses

Refer from Contract labor; Italians in the U. S.; Labor and laboring classes

Refer from Heathenism (s); Idolatry; Religion

Refer from Acting; Amusements; Drama; Entertainments; Festivals; Processions

Refer from Diagnosis; Emotions; Pleasure; Psychology, Physiological; Senses and sensation; Suffering

Refer from Chemistry, Technical; Corrosion and anti-corrosives; Painting; Painting, Mechanical; Paints (s); Pigments (s)

Refer from Artists; Painting; Portrait painters (s)

Refer from Archaeology; Art; Color; Composition (art); Decoration and ornament; Drawing; Esthetics; Figure painting; Graphic arts (s); Landscape painting; Marine painting; Oil painting; Paint; Paintings; Sketching (s); Water color painting

Refer from Italian painting (s)

Refer from Carriage painting; Graining; House painting; Industrial arts; Mechanical painting (s); Painting; Sign painting; Varnish and varnishing; Wood finishing

Refer from Art — Galleries and museums; Painting; Pictures

Palaces

See also Architecture; Castles; *also* names of palaces, e.g. Alhambra, Louvre, Versailles (palace), Windsor castle

Palaeontology *see* Paleontology

Paleobotany *see* Fossil plants

Paleography

See also Abbreviations; Alphabet; Books; Charters; Illumination of manuscripts and books; Inscriptions; Manuscripts; Writing

Paleolithic period *see* Stone age

Paleontology [subdivided like Geology, Stratigraphic]

See also Animals, Extinct; Footprints, Fossil; Fossil plants; Geology; *also* names of fossil animals, e.g. Mammoths, Trilobites; and subhead Fossil under names of animals and classes of animals, e.g. Birds, Fossil; Insects, Fossil; Invertebrates, Fossil; Mollusks, Fossil; Reptiles, Fossil

— U. S.

See also Geology — U. S.

Paleozoic era *see* Geology, Stratigraphic —

Paleozoic; Paleontology — Paleozoic

Palmistry

Palsy *see* Paralysis

Panama canal

See also Canal Zone; Ship canals

Panics

See also Business depression; Speculation; Unemployed

Panislamism**Panoramas**

See also Cycloramas

Panslavism**Pantheism**

See also God; Monism; Vedanta

Pantomime

See also Amateur theatricals; Ballet; Gesture; Puppet plays; Shadow pantomimes

Papacy *see* Catholic church; Popes

Papal bulls *see* Bulls, Papal

Papal schism *see* Schism, The great western, 1378-1417

Paper

See also Cellulose; Marbling; Paper work; Papier-maché; Papyrus; Parchment; Stationery; Wall paper; Wood pulp

Paper cutting *see* Paper work

Paper flowers

Paper hanging *see* Wall paper

Refer from Architecture

Refer from Alphabet; Archives; Diplomatics (s); Illumination of manuscripts and books; Inscriptions; Manuscripts; Writing

Refer from Animals, Extinct; Animals, Fossil (s); Extinct animals (s); Fossil plants; Fossils (s); Geology; Geology, Stratigraphic; Mammoths; Man; Natural history; Palaeontology (s); Petrification (s); Science; Zoology

Refer from Geology — U. S.; U. S. — Paleontology (s)

Refer from Amusements; Character; Character reading (s); Cheirognomy (s); Cheiromancy (s); Cheirosophy (s); Chiromnomy (s); Chiromancy (s); Chirosophy (s); Divination; Fortune telling; Hand; Superstition

Refer from Canal Zone; Canals; Isthmian canal (s); Ship canals

Refer from Business; Business depression; Commerce; Commercial crises (s); Crises, Commercial (s); Economics; Finance; Financial crises (s); Hard times (s); Prices; Prosperity; Speculation; Stock exchange

Refer from Eastern question (Near East); Mohammedanism

Refer from Cycloramas; Entertainments; Pictures

Refer from Eastern question (Near East); Europe — Politics; Russia; Slavs

Refer from God; Monism; Philosophy; Religion; Skepticism; Theology

Refer from Acting; Amateur theatricals; Amusements; Ballet; Drama; Entertainments; Gesture; Sign language; Theater

Refer from Cellulose; Chemistry, Technical; Manufactures; Parchment; Printing; Stationery; Wood pulp; Writing

Refer from Artificial flowers; Flowers; Paper work

Paper money

See also Bank notes; Banks and banking; Finance; Greenbacks; Legal tender; Money

Paper work [for children]

See also Paper flowers

Papier-maché

Papyri *see* Manuscripts

Papyrus**Parables**

See also Allegories; Bible — New Testament — Gospels; Fables; Jesus Christ — Teaching

Paradise *see* Eden; Heaven

Parallax

See also Astronomy; Astronomy, Spherical and practical

Paralysis

See also Apoplexy

Paramagnetism *see* Magnetism

Parasites

See also Bacteriology; Fungi; Hookworm disease; Insects, Injurious and beneficial

Parcels post

See also Library post

Parchment

See also Paper

Pardon**Parental schools**

See also Truant schools

Parents

See also Ancestor worship; Children; Domestic relations; Eugenics; Family; Fathers; Home education; Heredity; Mothers

Parish schools *see* Church schools

Parks

See also Amusement parks; Botanical gardens; Commons; Landscape gardening; Municipal improvement; National parks and reserves; Playgrounds; Zoological gardens; *also* names of cities, subhead Parks

Parliament *see* England — Parliament; *also* names of other countries

Parliamentary practice

See also Amendments (parliamentary practice); Committees; Legislative bodies

Parochial schools *see* Church schools

Parodies

See also Burlesques

Parole

See also Discharged prisoners; Probation system

Refer from Bank notes; Bills of credit (s); Bills of exchange (s); Fiat money (s); Greenbacks; Legal tender; Money

Refer from Busy work; Kindergarten; Paper; Paper cutting (s); Manual training

Refer from Paper

Refer from Paper

Refer from Allegories; Bible; Bible — New Testament — Gospels; Fables; Jesus Christ — Teaching

Refer from Astronomy; Astronomy, Spherical and practical; Heliumeter; Solar parallax (s); Stars; Stellar parallax (s); Sun

Refer from Brain; Hemiplegia (s); Medicine — Practice; Palsy (s)

Refer from Animal parasites (s); Animals — Diseases; Biology; Botany; Entozoa (s); Epizoa (s); Helminthology (s); Insects, Injurious and beneficial; Medicine — Practice; Pathology; Plants — Diseases; Worms; Zoology

Refer from Express companies; Library post; Postal service

Refer from Manuscripts; Paper

Refer from Crime and criminals; Executive power; Law

Refer from Juvenile delinquency; Schools; Truant schools

Refer from Children; Domestic relations; Family; Fathers; Mothers

Refer from Botanical gardens; Cities; Commons; Land; Landscape gardening; Municipal improvement; Playgrounds

Refer from Amendments (parliamentary practice); Committees; Debating; Law; Legislation; Legislative bodies; Rules of order (s)

Refer from American literature; Burlesques; English literature; German literature; Humor; Literature; Poetry; Satire

Refer from Crime and criminals; Discharged prisoners; Indeterminate sentence; Prisons; Probation system; Punishment

Parrots

See also Birds

Parsees

See also Avesta; Fire worship; Zoroastrianism

Parsis *see* Parsees

Parsons *see* Clergy

Part songs *see* Choruses and part songs

Parthenogenesis

Parties *see* Balls (parties); Children's parties; Entertaining

Parties, Political, *see* Political parties

Partnership

See also Agency; Bankruptcy; Commercial law; Corporations; Joint-stock companies; Trade-marks

Party government *see* Political parties

Party platforms *see* Platforms, Political

Passenger coaches *see* Cars

Passes (free transportation)**Passion plays**

See also Miracle, morality and mystery plays; Oberammergau passion play

Passions *see* Emotions

Passover

See also Jews — Religion; Lord's supper

Passports**Paste**

See also Adhesives; Glue

Pastel**Pasteurism**

Pastimes *see* Amusements; Games; Sports

Pastoral poetry

See also Nature in poetry

Pastoral theology *see* Clergy; Pastoral work

Pastoral work

See also Clergy; Preaching

Pastors *see* Clergy; Pastoral work; Preachers;

Priests

Pastry

See also Baking; Cookery

Pastures and meadows

See also Forage plants; Grasses; Grazing; Hay

Patent medicines *see* Medicines, Proprietary

Patents

See also Inventions; Trade-marks

Paternalism

See also Despotism; Government ownership; Government regulation of industry; Socialism

Pathological botany *see* Plants — Diseases

Refer from Birds

Refer from Avesta; Fire worship; India — Religion; Parsis (s); Religions; Zoroastrianism

Refer from Biology; Embryology; Reproduction

Refer from Commerce; Commercial law; Contracts; Joint-stock companies; Law

Refer from Railroad passes (s); Railroads; Railroads — Passes (s); Railroads — Rates

Refer from Drama; Miracle, morality and mystery plays; Theater

Refer from Jews; Jews — Religion; Lord's supper

Refer from International law; Travel

Refer from Adhesives; Glue

Refer from Art; Crayon drawing; Drawing; Painting

Refer from Hydrophobia; Inoculation

Refer from Bucolic poetry (s); Country life; Eclogues (s); Nature in poetry; Poetry; Rural poetry (s)

Refer from Church work; Clergy; Pastoral theology (s); Pastors (s); Theology, Pastoral (s)

Refer from Baking; Cookery; Pies (s)

Refer from Agriculture; Forage plants; Grasses; Grazing; Hay; Meadows (s); Rotation of crops

Refer from Discoveries (in science) (s); Industrial arts; Intellectual property (s); Inventions; Law; Letters patent (s); Machinery; Manufactures; Property, Intellectual (s); Trade-marks

Refer from Despotism; Government; Government regulation of industry; Socialism

Pathological chemistry *see* Physiological chemistry

Pathological psychology *see* Mental diseases

Pathology

See also Abscess; Autopsy; Bacteriology; Blood; Contagion and contagious diseases; Diagnosis; Fever; Germ theory of disease; Hair; Hemorrhage; Histology; Hygiene; Immunity; Inflammation; Longevity; Malaria; Medical geography; Medicine; Medicine — Practice; Parasites; Physiological chemistry; Ptomaines; Suppuration; Temperament; Therapeutics; Toxins; Tumors

—Vegetable, *see* Plants — Diseases

Patience

Patience (game) *see* Solitaire

Patriarchal government *see* Patriarchy

Patriarchs

See also Bible — Old Testament — Genesis

Patriarchy

See also Tribes and tribal system

Patriotic societies

See also U. S. — History — Revolution — Societies; U. S. — History — Civil war — Societies

Patriotic songs *see* National songs; War songs

Patriotism

See also Citizenship; Loyalty; Preservation of landmarks, scenery, etc.

Patriots' day

Patristics *see* Fathers of the church

Petrology *see* Fathers of the church

Patrons of husbandry *see* Grange

Pattern making

See also Foundry work; Mechanical drawing

Pauline epistles *see* Bible — New Testament — Epistles

Pauperism *see* Poor

Pavements

See also Asphalt; Bricks; Concrete; Mosaics; Roads; Roads, Macadamized; Sidewalks; Streets

Paving *see* Pavements

Pawnbroking

See also Bailments

Pawnshops *see* Pawnbroking

Peace

See also Arbitration, International; Disarmament; International relations; Militarism; Nonresistance; War

Peach

See also Fruit

Pear

See also Fruit

Pearls

Pears *see* Pear

Refer from Diagnosis; Disease (s); Hygiene; Medicine; Physiology; Therapeutics

Refer from Conduct of life; Ethics

Refer from Bible; Bible — Old Testament — Biography; Bible — Old Testament — Genesis; Jews

Refer from Family; Government; Patriarchal government (s); Tribes and tribal system

Refer from Societies; U. S. — History — Revolution — Societies; U. S. — History — Civil war — Societies

Refer from Citizenship; Conduct of life; Ethics; Government; Loyalty; Political ethics; Public spirit (s)

Refer from Holidays

Refer from Foundry work; Machine shop practice; Machinery; Mechanical drawing; Metals

Refer from Asphalt; Bricks; Cement; Concrete; Floors; Municipal engineering; Municipal improvement; Paving (s); Roads; Sidewalks; Streets

Refer from Bailments; Banks and banking; Commerce; Pawnshops (s)

Refer from Arbitration, International; Disarmament; Ethics; International law; International relations; Militarism; Nonresistance; Sociology; War

Refer from Fruit

Refer from Fruit; Pears (s)

Refer from Diving; Jewelry; Mollusks; Oysters; Precious stones

Peasantry

See also Farm labor; Peasants' war; Villeinage

Peasants' war, 1524-1525

See also Anabaptists; Germany — History — 1517-1740; Reformation — Germany

Peat

See also Briquets; Geology, Economic

Pedagogy *see* Teaching**Peddlers and peddling**

See also Salesmanship; Street cries

Pedestrianism *see* Walking**Pediatrics** *see* Children — Care and hygiene;

Children — Diseases

Pedigrees *see* Genealogy; Heraldry; Horse**Peerage**

See also Aristocracy; Heraldry; Knights and knighthood; Titles of honor and nobility

Pelagianism

See also Church history — Early church

Pelagic fauna *see* Marine zoology**Pellagra****Peloponnesian war**

See also Greece — History

Pen and ink drawing *see* Pen drawing**Pen drawing****Penal codes** *see* Criminal law**Penal colonies**

See also Exile; Siberia — Exiles

Penal institutions *see* Penal colonies; Prisons; Reformatories**Penal law** *see* Criminal law**Penance**

See also Absolution; Church discipline; Confession; Fasting; Pilgrimages; Repentance

Pendulum

See also Earth — Rotation; Gravitation

Peninsular campaign, 1862

See also Army of the Potomac; U. S. — History — Civil war

Peninsular war, 1807-1814

See also Europe — History — 1789-; Napoleonic wars; Spain — History — 1700-

Penitence *see* Repentance**Penitentes** *see* Flagellants**Penitentiaries** *see* Prisons

Refer from Agriculture; Country life; Farm labor; Feudalism; Labor and laboring classes

Refer from Anabaptists; Germany — History — 1517-1740; Peasantry; Reformation — Germany

Refer from Bog fuel (s); Fertilizers and manures; Fuel; Geology, Economic; Physical geography

Refer from Business; Commercial travelers; Hucksters (s); Merchants; Street cries

Refer from Aristocracy; Baronage (s); Baronetage (s); Biography; Class distinction; Genealogy; Heraldry; Knightage (s); Knights and knighthood; Nobility (s); Titles of honor and nobility

Refer from Church history — Early church; Theology

Refer from Medicine — Practice; Skin — Diseases

Refer from Greece — History

Refer from Drawing; Pen and ink drawing (s)

Refer from Banishment (s); Colonies and colonization; Convicts (s); Crime and criminals; Deportation (s); Exile; Exportation (s); Labor colonies (s); Penal institutions (s); Prisons; Punishment; Transportation of criminals (s)

Refer from Absolution; Catholic church; Church discipline; Church polity; Confession; Pilgrimages; Repentance; Sacraments; Theology

Refer from Clocks and watches; Geodesy; Gravitation; Physics; Timekeepers

Refer from Army of the Potomac; U. S. — History — Civil war — Campaigns and battles

Refer from England — History — 1714-1837; Europe — History — 1789-; France — History — Consulate and empire; Napoleonic wars; Portugal — History; Spain — History — 1700-

Penmanship

See also Graphology; Lettering; Writing

Pennsylvania Dutch *see* Germans in Pennsylvania

Pennsylvania Germans *see* Germans in Pennsylvania

Penny lunches *see* School lunches

Penology *see* Punishment

Pens

Pensions

See also Annuities; Bounties, Military; Civil service pensions; Old age pensions; Railroads — Pensions; Soldiers' homes; Teachers — Salaries, pensions, etc.

—U. S.

Pentateuch *see* Bible — Old Testament — Pentateuch

Peonage

See also Contract labor

People

See also Democracy; Folklore; Labor and laboring classes; Liberty; Nations; Poor; Public opinion; Sociology

People's palaces *see* Social centers

Pequot war, 1636-1638

See also Connecticut — History; Indians — Wars; U. S. — History — Colonial period

Perception

See also Apperception; Hearing; Psychology; Senses and sensation; Sight; Space perception

Perfection, Christian, *see* Sanctification.

Perfumery

See also Chemistry, Technical; Incense

Perfumes *see* Odors; Perfumery

Pergolas

See also Architecture

Periodic law

See also Chemistry, Physical

Periodicals

See also Advertising; Chapbooks; Children's periodicals; Journalism; Liberty of the press; Newspapers; Students' periodicals; *also* subhead Periodicals under various subjects

—England

See also Newspapers — England

—Indexes

—U. S.

See also Newspapers — U. S.

Perjury

See also Oaths; Witnesses

Refer from Business education; Calligraphy (s); Chirography (s); Graphology; Handwriting (s); Writing

Refer from Manufactures; Writing

Refer from Annuities; Compensation (s); Poor; Soldiers

Refer from U. S. — Pensions (s)

Refer from Contract labor; Labor and laboring classes; Serfdom; Slavery

Refer from Sociology

Refer from Connecticut — History; Indians — Wars; New England — History; U. S. — History — Colonial period

Refer from Apperception; Consciousness; Intellect; Knowledge; Psychology; Psychology, Educational; Senses and sensation; Space perception

Refer from Chemistry, Technical; Cosmetics; Costume; Essences and essential oils; Manufactures; Odors; Perfumes (s); Scent (s); Toilet

Refer from Architecture; Landscape gardening

Refer from Atomic weights; Chemical elements; Chemistry; Chemistry, Physical; Metals

Refer from Journalism; Literature; Magazines (s); Newspapers; Press (s)

Refer from English literature; English periodicals (s); Newspapers — England

Refer from Bibliography; Indexes

Refer from American literature; American periodicals (s); Newspapers — U. S.; U. S. — Periodicals (s)

Refer from Crime and criminals; Criminal law; Oaths; Witnesses

Permian period *see* Geology, Stratigraphic —
Permian; Paleontology — Permian

Perpetual motion

Persecution

See also Albigenses; Church and state;
Friends, Society of; Huguenots; Inquisition;
Jews — Persecution; Liberty of conscience;
Martyrs; Massacres; Religious liberty;
Witchcraft

Persian language

See also Iranian languages

Persian literature

See also Avesta; Oriental literature;
Persian poetry

Persian poetry

See also Persian literature

Personal beauty *see* Beauty, Personal

Personal liberty *see* Liberty

Personal names *see* Names, Personal

Personal property

See also Property; Sale; Taxation

Personal religion *see* Christian life and character; Spiritual life

Personality

See also Consciousness; Individuality;
Psychical research; Psychology; Soul

Personalty *see* Personal property

Perspective

See also Drawing; Projection; Proportion
(art); Shades and shadows

Perturbation

See also Mechanics, Celestial; Orbits;
Planets; Satellites

Pessimism

See also Optimism

Pestilences *see* Epidemics

Pests *see* Agricultural pests; Fungi; Household pests; Insects, Injurious and beneficial;
also Cotton — Diseases and pests, and
similar headings

Petition, Right of

Petrifaction *see* Petrified forests; Paleontology

Petrified forests

See also Trees, Fossil

Petrography *see* Rocks

Petrol *see* Gasoline

Petrol engines *see* Gas and oil engines

Petroleum

See also Coal-tar products; Gas; Gasoline;
Geology, Economic; Lamps; Liquid fuel

Petroleum engines *see* Gas and oil engines

Petrology *see* Rocks

Pets

See also Cage birds; Cats; Dogs; Domestic
animals

Refer from Mechanics; Motion

Refer from Catholic church; Church history;
Fanaticism; Heresy; Inquisition; Liberty of conscience; Martyrs; Religious liberty

Refer from Iranian languages

Refer from Oriental literature; Persian poetry

Refer from Persian literature

Refer from Chattels (s); Law; Personalty (s);
Property

Refer from Character; Consciousness;
Double consciousness (s); Double personality (s); Dual personality (s); Identity, Personal (s); Individuality; Metaphysics; Multiple personality (s); Philosophy; Psychical research; Psychology; Soul; Subconsciousness

Refer from Drawing; Geometrical drawing;
Geometry; Geometry, Descriptive; Light;
Mechanical drawing; Painting; Projection;
Proportion (art); Shades and shadows

Refer from Astronomy; Mechanics, Celestial;
Orbits; Planets; Satellites

Refer from Optimism; Philosophy

Refer from Government; Law; Right of
petition (s)

Refer from Forests, Petrified (s); Fossil
plants; Petrifaction (s); Trees, Fossil

Refer from Chemistry, Technical; Coal
oil (s); Coal-tar products; Commercial products; Fuel; Gas; Geology, Economic; Kerosene (s); Lighting; Liquid fuel; Mineral oils (s); Oil (s); Oil wells (s); Wells

Refer from Animals; Domestic animals

Pewter

See also Alloys

Phallic worship *see* Phallicism

Phallicism**Phanerogams**

See also Botany, and references under that subject

Phansigars *see* Thugs

Phantoms *see* Apparitions

Pharmacists

See also Chemists

Pharmacognosy *see* Drugs; Pharmacy

Pharmacology *see* Drugs; Pharmacy

Pharmacopœias

See also Dispensatories; Drugs; Materia medica

Pharmacy

See also Dispensatories; Drugs; Homeopathy; Materia medica; Medical botany; Pharmacists; Pharmacopœias; Prescriptions

Philanthropists

See also Philanthropy

Philanthropy

See also Altruism; Charitable societies; Charities; Charity; Philanthropists; Social settlements; Social work

Philately *see* Postage stamps

Philippine languages

See also Oceanic languages

Philology *see* Language

Philosophers**Philosopher's stone**

See also Alchemy; Elixir of life

Philosophical instruments *see* Scientific apparatus and instruments

Philosophy

See also Agnosticism; Analogy; Atheism; Axioms; Being; Belief; Biology; Causation; Certainty; Chance; Christianity; Creation; Critical philosophy; Deism; Dualism; Egoism; Empiricism; Enlightenment; Epicureans; Esthetics; Eternity; Ethics; Evidence; Evolution; Fate and fatalism; Force and energy; Future life; Gnosticism; God; Hedonism; Humanism; Idealism; Individuality; Infinite; Intellect; Knowledge; Liberty; Life; Logic; Man; Manicheism; Materialism; Matter; Metaphysics; Mind and body; Monadology; Monism; Mysticism; Natural religion; Naturalism; Nature; Necessity; Neoplatonism; New thought; Nihilism; Optimism; Pantheism; Personality; Pessimism; Philosophers; Physics; Platonists; Pluralism; Positivism; Pragmatism; Psychology; Rationalism; Realism; Reality; Reason; Religion; Religion and science; Scholasticism; Science; Skepticism; Sophists; Soul; Space; Spiritualism; Stoics; Supernatural; Taoism; Teleology; Theism; Theology; Theosophy; Thought and think-

Refer from Alloys; Arts and crafts; Hall marks; Lead; Metal work; Plate; Tin

Refer from Nature worship; Phallic worship (s); Sex worship (s)

Refer from Botany

Refer from Apothecaries (s); Biography; Chemists; Druggists (s); Pharmacy

Refer from Dispensatories; Drugs; Materia medica; Medical botany; Pharmacy

Refer from Chemistry; Chemistry, Medical (s); Chemistry, Pharmaceutical (s); Drugs; Materia medica; Medical botany; Medical chemistry (s); Medicine; Pharmacognosy (s); Pharmacology (s); Prescriptions; Therapeutics

Refer from Biography; Philanthropy

Refer from Benevolence (s); Charities; Ethics; Gifts; Giving (s); Philanthropists; Poor

Refer from Oceanic languages

Refer from Biography; Philosophy

Refer from Alchemy; Elixir of life; Stone, Philosopher's (s)

Refer from Ethics; Knowledge; Life; Mental philosophy (s); Metaphysics; Ontology (s); Psychology; Reason; Religion; Science; Theology; Thought and thinking

Philosophy — Continued

ing; Time; Transcendentalism; Truth; Universe; Utilitarianism; Will; *also* subhead Philosophy under various subjects, e.g. History — Philosophy

— **Ancient**

See also Philosophy, Greek; Philosophy, Oriental

— **Chinese**

See also Philosophy, Oriental; Taoism

— Critical, *see* Critical philosophy

— **English**

See also Philosophy, Modern; Utilitarianism

— **French**

See also Encyclopedists; Philosophy, Modern; Positivism

— **German**

See also Critical philosophy; Philosophy, Modern; Transcendentalism

— **Greek**

See also Epicureans; Philosophy, Ancient; Platonists; Sophists; Stoics

— **Hindu**

See also Philosophy, Oriental; Vedanta; Yoga

— **Medieval**

See also Scholasticism

— **Modern**

See also Agnosticism; Enlightenment; Evolution; New thought; Pragmatism; Rationalism; Transcendentalism; *also* Philosophy, English; Philosophy, French; Philosophy, German; etc.

— Moral, *see* Ethics

— Natural, *see* Physics

— **Oriental**

See also Philosophy, Chinese; Philosophy, Hindu; Philosophy, Persian

— **Persian**

See also Manicheism; Philosophy, Oriental

Philosophy of history *see* History — Philosophy

Philosophy of religion *see* Religion — Philosophy

Phlebotomy *see* Bloodletting

Phonetic spelling *see* Spelling reform

Phonetics

See also Alphabet; Pronunciation; Speech; Spelling

Phonograph

See also Telephonograph

Phonography *see* Shorthand

Phonology *see* Phonetics

Phosphates

See also Bone products; Fertilizers and manures; Geology, Economic

Phosphorescence

Refer from Philosophy, Greek

Refer from Chinese philosophy (s); Philosophy, Oriental; Taoism

Refer from English philosophy (s); Philosophy, Modern; Utilitarianism

Refer from French Philosophy (s); Philosophy, Modern; Positivism

Refer from Critical philosophy; German philosophy (s); Philosophy, Modern

Refer from Epicureans; Greek philosophy (s); Philosophy, Ancient; Platonists; Sophists; Stoics

Refer from Hindu philosophy (s); Hinduism; Philosophy, Oriental; Vedanta; Yoga

Refer from Medieval philosophy (s); Scholasticism

Refer from Modern philosophy (s); Philosophy, English; Philosophy, French; Philosophy, German

Refer from Oriental philosophy (s); Philosophy, Ancient; Philosophy, Chinese; Philosophy, Hindu; Philosophy, Persian

Refer from Manicheism; Philosophy, Oriental

Refer from Language; Orthoepy (s); Phonology (s); Pronunciation; Sound

Refer from Electricity; Gramophone (s); Graphophone (s); Sound; Talking machines (s)

Refer from Agricultural chemistry; Bone products; Fertilizers and manures; Geology, Economic

Refer from Botany — Physiology; Light; Ocean; Radioactivity; Zoology

Photochemistry

See also Chemistry, Physical; Photographic chemistry

Photochronograph

See also Ballistics

Photo-engraving

See also Photogravure; Photomechanical processes

Photo-etching *see* Photo-engraving

Photogrammetry *see* Photographic surveying

Photographic chemistry

See also Photochemistry; Photography — Printing processes

Photographic optics

See also Lenses

Photographic surveying

Photographs

Photography

See also Astronomical photography; Blue prints; Cameras; Collotype; Color photography; Daguerreotypes; Ferrotype; Helio-type; Lenses; Moving pictures; Nature photography; Photochronograph; Photo-engraving; Photographic chemistry; Photographic optics; Photographic surveying; Photographs; Photogravure; Photolithography; Photomechanical processes; Photomicrography; Radiography; Stereopticon; Telephotography

—Animals

See also Nature photography

—Astronomical, *see* Astronomical photography

—Color, *see* Color photography

—Composite

—Flash-light

—History

—Nature, *see* Nature photography

—Plants

See also Nature photography

—Printing processes

See also Blue prints; Photographic chemistry

Photography of animals *see* Photography — Animals

Photography of nature *see* Nature photography

Photography of plants *see* Photography — Plants

Photogravure

See also Photomechanical processes

Photolithography

See also Photomechanical processes

Refer from Chemical effects of light (s); Chemistry; Chemistry, Physical; Light; Optical chemistry (s); Photographic chemistry

Refer from Astronomical instruments; Astronomical photography; Ballistics; Chronograph; Photography

Refer from Engraving; Half-tone process (s); Illustration of books; Photo-etching (s); Photography; Photomechanical processes

Refer from Chemistry; Chemistry, Photographic (s); Photochemistry; Photography; Photography — Printing processes

Refer from Lenses; Photography
Refer from Photogrammetry (s); Photography; Phototopography (s); Surveying

Refer from Photography; Pictures; Portraits

Refer from Art; Cameras; Daguerreotypes; Industrial arts; Light; Printing; Retouching (s); Technology

Refer from Animal photography (s); Animals — Photography (s); Animals — Pictures; Nature photography; Photography of animals (s)

Refer from Composite photography (s)

Refer from Flash-light photography (s)

Refer from Nature photography; Photography of plants (s); Plants — Photography (s)

Refer from Blue prints; Photographic chemistry; Platinotype (s)

Refer from Engraving; Heliogravure (s); Photo-engraving; Photography; Photomechanical processes

Refer from Lithography; Photography; Photomechanical processes

Photomechanical processes

See also Collotype; Heliotype; Photo-engraving; Photogravure; Photolithography

Photometry

See also Color; Light

Photomicrography

See also Microscope and microscopy

Phototherapy

See also Radiotherapy

Phototopography *see* Photographic surveying

Phrase-books *see* names of languages

Phrasing (music)

See also Musical form

Phrenology

See also Physiognomy

Phthisis *see* Tuberculosis

Physical chemistry *see* Chemistry, Physical

Physical culture *see* Physical education

Physical deterioration

See also Degeneration; Heredity

Physical education

See also Athletics; College athletics; Delsarte system; Exercise; Games; Gymnasiums; Gymnastics; Gymnastics, Medical; Indian clubs; Jiu-jitsu; Play; Running; School athletics; Sports; Training; Walking

Physical geography

See also Alluvium; Altitudes; Bays and gulfs; Beaches; Caves; Climate; Coast changes; Continents; Deltas; Deserts; Droughts; Dunes; Earth; Earthquakes; Erosion; Geochemistry; Geographical distribution of animals and plants; Geography; Geology; Geysers and hot springs; Glaciers; Hydrography; Ice; Icebergs; Islands; Lakes; Landslides; Magnetism. Terrestrial; Meteorology; Moraines; Mountains; Nature; Ocean; Peat; Plains; Ponds; Prairies; Rivers; Seashore; Springs; Steppes; Tides; Tropics; Valleys; Volcanoes; Water; Water, Underground; Waterfalls; Waterspouts;

Waves

— U. S.

See also Geology — U. S.; U. S.— Altitudes

Physical geology *see* Geology

Physical instruments *see* Scientific apparatus and instruments

Physical training *see* Athletics; Physical education

Physicians and surgeons

See also Anecdotes, Medical; Medical ethics; Women as physicians

Refer from Collotype; Heliotype; Illustration of books; Photo-engraving; Photography; Photogravure; Photolithography; Process work (s)

Refer from Electric lighting; Light; Lighting

Refer from Microphotography (s); Microscope and microscopy; Photography

Refer from Blue glass cure (s); Light; Light cure (s); Therapeutics

Refer from Music; Musical form; Piano — Instruction and study

Refer from Brain; Character; Character reading (s); Head; Man; Mind and body; Physiognomy; Physiology; Psychology; Psychology, Physiological

Refer from Degeneration; Heredity; Physiology

Refer from Athletics; Calisthenics (s); Callisthenics (s); Education; Exercise; Gymnasiums; Gymnastics; Gymnastics, Medical; Hygiene; Manly exercise (s); Muscles; Physical culture (s); Physical training (s); Sports; Training

Refer from Alluvium; Beaches; Climate; Coast changes; Continents; Deltas; Dunes; Earth; Earthquakes; Erosion; Geography; Geography, Physical (s); Geology; Geonomy (s); Glaciers; Icebergs; Islands; Lakes; Meteorology; Moraines; Mountains; Natural history; Ocean; Physics; Physiography (s); Rivers; Science; Valleys; Volcanoes; Water

Refer from Geology — U. S.; U. S.— Geography (s); U. S.— Physical geography (s)

Refer from Biography; Doctors (s); Medical biography (s); Medical directories (s); Medical ethics; Medicine; Medicine — Directories (s); Surgeons (s); Surgery

Physics

See also Agricultural physics; Air; Astronomy; Atoms; Barometer; Capillarity; Chemistry; Chemistry, Physical; Compressibility; Condensation; Diamagnetism; Dynamics; Elasticity; Electricity; Electrostatics; Ether (of space); Evaporation; Expansion (physics); Fluids; Force and energy; Friction; Gases; Gravitation; Gyroscope; Heat; Hydraulics; Hydrostatics; Kinematics; Light; Liquefaction of gases; Liquid air; Liquids; Magnetism; Matter; Mechanics; Meteorology; Molecules; Motion; Motors; Osmosis; Pendulum; Physical geography; Radiation; Radioactivity; Rotation; Soap bubbles; Solids; Sound; Statics; Steam; Thermodynamics; Thermometer; Units; Velocity; Vibration; Viscosity; Water; Waves

—Experiments

See also Electricity — Experiments; Physics — Laboratory manuals

—Laboratory manuals

See also Physics — Experiments

Physiocrats

Physiognomy

See also Expression; Face; Phrenology

Physiography *see* Physical geography

Physiological botany *see* Botany — Physiology

Physiological chemistry

See also Absorption (physiology); Animal heat; Antitoxins; Blood; Cells; Chemistry, Legal; Digestion; Enzymes; Fermentation; Gelatin; Metabolism; Osmosis; Proteins

Physiological psychology *see* Psychology, Physiological

Physiology

See also Absorption (physiology); Anatomy; Biology; Blood; Brain; Breathing; Color of man; Deformities; Degeneration; Digestion; Digestive system; Electrophysiology; Embryology; Growth; Heredity; Hygiene; Longevity; Man; Medicine; Metabolism; Mind and body; Monsters; Morphology; Muscles; Nervous system; Nutrition; Pathology; Phrenology; Physical deterioration; Physiognomy; Physiological chemistry; Protoplasm; Psychology, Physiological; Puberty; Respiratory organs; Senses and sensation; Sex; Sleep; Urinary organs; Vascular system; Voice; Yawning

—Comparative

Physiology of plants *see* Botany — Physiology

Phytogeography *see* Geographical distribution of animals and plants

Pianists

See also Musicians

Refer from Atoms; Chemistry; Chemistry, Physical; Dynamics; Electricity; Fluids; Force and energy; Gravitation; Heat; Hydraulics; Hydrostatics; Light; Magnetism; Mathematics; Matter; Mechanics; Molecules; Natural history; Natural philosophy (s); Natural science (s); Philosophy; Philosophy, Natural (s); Science; Sound; Vibration

Refer from Experiments (s); Physics — Laboratory manuals

Refer from Physics — Experiments

Refer from Economics; Single tax

Refer from Character; Character reading (s); Expression; Face; Head; Man; Phrenology; Physiology; Psychology

Refer from Animal chemistry (s); Animal heat; Biological chemistry (s); Blood; Cells; Chemistry; Chemistry, Animal (s); Chemistry, Biological (s); Chemistry, Medical (s); Chemistry, Organic; Chemistry, Pathological (s); Chemistry, Physiological (s); Gelatin; Histochemistry (s); Medical chemistry (s); Medicine; Metabolism; Pathological chemistry (s); Pathology; Physiology; Proteins

Refer from Anatomy; Biology; Blood; Body, Human (s); Breathing; Digestive system; Human body (s); Hygiene; Man; Medicine; Metabolism; Muscles; Nervous system; Respiratory organs; Vascular system

Refer from Comparative physiology (s); Zoology

Refer from Musicians; Piano

Piano

See also Harpsichord; Musical instruments; Pianists; Piano music; Piano players; Tuning

—Instruction and study

See also Music — Instruction and study; Musical accompaniment; Phrasing (music)

Piano music

See also Dance music; Instrumental music; Sonatas

—Scores

See also Duets, Instrumental; Sonatas

Piano players

Pianoforte *see* Piano

Pianola *see* Piano players

Picnics

Pictographs *see* Picture writing

Picts

See also Celts; Scotland — Antiquities; Scotland — History

Picture books

Picture frames

Picture posters *see* Posters

Picture writing

See also Hieroglyphics

Pictures

See also Animals — Pictures; Art — Exhibitions; Art — Galleries and museums; Art forgeries; Caricature and cartoons; Drawings; Engravings; Etchings; Libraries and pictures; Moving pictures; Paintings; Panoramas; Photographs; Picture frames; Portraits; Views

Picturesque

See also Esthetics; Landscape

Piece-work *see* Wages

Pieces to speak *see* Recitations and readings

Piers *see* Bridges — Foundations and piers; Wharves

Pies *see* Pastry

Pietists

See also Germany — Religious history

Pig *see* Swine

Pig iron *see* Cast iron

Pigeons

See also Birds

Pigmentation *see* Color of animals; Color of man; Skin

Pigments *see* Color; Dyes and dyeing; Paint

Pigmies *see* Dwarfs

Pigs *see* Swine

Piles and pile driving

See also Breakwaters; Cofferdams; Foundations; Wharves

Pilgrim fathers

See also Brownists; Massachusetts — History; Mayflower (ship); Plymouth; Puritans; Thanksgiving day; U. S. — History — Colonial period

Pilgrimages

See also Penance; Shrines

Refer from Harpsichord; Musical instruments; Pianoforte (s); Spinet (s); Stringed instruments; Virginal (s)

Refer from Music — Instruction and study

Refer from Dance music; Instrumental music; Piano

Refer from Music — Scores

Refer from Piano; Pianola (s)

Refer from Amusements; Outdoor life

Refer from Celts; Scotland — Antiquities; Scotland — History; Stone age

Refer from Children's literature

Refer from Frames (for pictures) (s); House decoration; Pictures

Refer from Archaeology; Hieroglyphics; Inscriptions; Pictographs (s); Writing

Refer from Art; Engravings; Etchings; House decoration; Paintings; Portraits; Views

Refer from Esthetics; Landscape; Scenery (s)

Refer from Germany — Religious history

Refer from Birds; Carrier pigeons (s); Domestic animals; Doves (s); Homing pigeons (s); Poultry; Squabs (s)

Refer from Breakwaters; Civil engineering; Cofferdams; Foundations; Wharves

Refer from Biography; Brownists; Christian biography; Massachusetts — History; Mayflower (ship); Plymouth; Puritans; U. S. — Biography; U. S. — History — Colonial period

Refer from Catholic church; Penance; Shrines; Travel; Voyages and travels

Pillars *see* Columns

Pillory

Pilot guides

Pilots and pilotage

See also Pilot guides

Ping-pong

Pingree plan *see* Vacant lot cultivation

Pins and needles

Pioneer life *see* Frontier and pioneer life

Pipe

See also Boiler scale; Pipe fitting; Steam pipes; Tubes

Pipe fitting

See also Gas fitting; Plumbing; Steam pipes

Pipe organ *see* Organ

Pipes *see* Pipe; Pipes, Tobacco; Steam pipes

Pipes, Tobacco

See also Smoking; Tobacco

Piracy *see* Pirates

Pirates

See also Buccaneers; Privateering; Treasure-trove

Pisces *see* Fish

Pisciculture *see* Fish culture

Pistols

See also Firearms

Pitch, Mineral, *see* Asphalt

Place names *see* Names, Geographical

Placer mining *see* Gold dredging; Hydraulic mining

Plagiarism

See also Literary forgeries and mystifications

Plague

See also Black death; Epidemics; London — Epidemics

Plaids *see* Tartans

Plain chant *see* Chants

Plain song *see* Chants

Plains

See also Prairies; Steppes

Plainsong *see* Chants

Plane geometry *see* Geometry

Planers *see* Planing machines

Planetesimal hypothesis

Planets

See also Asteroids; Astrology; Astronomy; Earth; Moon; Nebular hypothesis; Occultations; Orbits; Perturbation; Planetesimal hypothesis; Plurality of worlds; Satellites; Solar system; Transits; *also* names of planets

Planimeter

Planing machines

See also Machine tools; Woodworking machinery

Refer from Punishment

Refer from Coast pilots (s); Navigation; Pilots and pilotage; Sailing directions (s)

Refer from Harbors; Inland navigation; Navigation; Sailors

Refer from Games; Table tennis (s); Tennis

Refer from Manufactures; Needles (s)

Refer from Pipes (s); Tubes

Refer from Gas fitting; Pipe; Plumbing; Steam fitting (s); Steam pipes

Refer from Pipes (s); Smoking; Tobacco; Tobacco pipes (s)

Refer from Barbary corsairs (s); Buccaneers; Corsairs (s); Crime and criminals; Filibusters; Freebooters (s); International law; Maritime law; Naval battles; Naval history; Piracy (s)

Refer from Arms and armor; Firearms; Guns; Revolvers (s)

Refer from Authorship; Literary forgeries and mystifications; Literature

Refer from Black death; Bubonic plague (s); Contagion and contagious diseases; Epidemics; London — Epidemics; London — History; Medicine — Practice

Refer from Physical geography

Refer from Astronomy; Planets; Solar system; Universe

Refer from Astronomy; Mechanics, Celestial; Perturbation; Satellites; Solar system; Stars

Refer from Mathematical instruments; Surveying instruments

Refer from Machine shop practice; Machine tools; Machinery; Planers (s); Woodworking machinery

Planispheres

Refer from Astronomy; Astronomy — Atlases; Stars

Plankton

See also Fresh-water life; Marine biology; Marine zoology

Plans (architecture) *see* Architectural drawing; Architecture, Domestic

Plant anatomy *see* Botany, Structural

Plant breeding

See also Hybridization; Mendel's law; Plant propagation; Seeds — Selection and testing

Refer from Biology; Fresh-water life; Marine biology; Marine zoology

Refer from Agriculture; Breeding; Fertilization of plants; Floriculture; Gardening; Heredity; Hybridization; Plant propagation; Plants — Breeding (s); Species; Thremmatology (s); Variation (biology)

Plant chemistry *see* Plants — Chemistry and nutrition

Plant diseases *see* Plants — Diseases

Plant embryology *see* Botany — Embryology

Plant forms

See also Design, Decorative; Flower painting and drawing

Refer from Decoration and ornament; Design, Decorative; Floral design (s); Flower forms (s); Flower painting and drawing

Plant geography *see* Geographical distribution of animals and plants

Plant introduction

See also Acclimatization (plants)

Plant lice

See also Hemiptera

Refer from Acclimatization (plants); Geographical distribution of animals and plants

Refer from Aphididae (s); Hemiptera; Insects, Injurious and beneficial

Plant lore

See also Flower language; Folklore; Nature myths

Plant morphology *see* Botany, Structural

Plant names *see* Botany — Nomenclature

Plant pathology *see* Plants — Diseases

Plant physiology *see* Botany — Physiology

Plant propagation

See also Grafting; Plant breeding; Seeds

Refer from Folklore; Folklore of plants (s); Nature myths; Plants — Folklore (s)

Refer from Floriculture; Gardening; Plant breeding; Plants — Propagation (s); Propagation of plants (s)

Plantation songs *see* Negro songs

Planting *see* Agriculture; Forest planting; Gardening; Landscape gardening; Tree planting

Plants [for descriptive and non-systematic material]

See also Agriculture; Alpine plants; Annuals (plants); Aquatic plants; Botany; Climbing plants; Color of plants; Fertilization of plants; Floriculture; Flowers; Gardening; Insectivorous plants; Leaves; Natural history; Nature study; Poisonous plants; Roots; Seedlings; Seeds; Shrubs; Tropical plants; Weeds; *also* names of plants, and headings beginning Plant

— Acclimatization, *see* Acclimatization (plants)

— Anatomy, *see* Botany, Structural

— Aquatic, *see* Aquatic plants

— Breeding, *see* Plant breeding

— **Chemistry and nutrition**

See also Botany — Physiology; Cellulose; Metabolism

Refer from Agriculture; Botany; Flowers; Natural history; Nature; Nature study; Vegetable kingdom (s)

Refer from Agricultural chemistry; Botanical chemistry (s); Botany — Physiology; Chemistry; Chemistry, Botanical (s); Chemistry, Organic; Metabolism; Nutrition of plants (s); Plant chemistry (s); Plants — Nutrition (s)

Plants — Continued

- Classification, *see* Botany — Classification
- Climbing, *see* Climbing plants
- Collection and preservation

- Color, *see* Color of plants
- Cultivated [for botanical information and lists, not gardening]
See also Floriculture; Gardening

— **Diseases**

See also Bacteriology, Agricultural; Cotton — Diseases and pests; Dry rot; Fruit — Diseases and pests; Fungi; Galls (botany); Mildew; Parasites; Spraying; Tobacco — Diseases and pests; Trees — Diseases and pests

— **Effect of chemicals on**

— **Effect of temperature on**

- Fertilization, *see* Fertilization of plants
- Folklore, *see* Plant lore
- Fossil, *see* Fossil plants
- Geographic distribution, *see* Geographical distribution of animals and plants
- Habits, *see* Botany — Physiology; Plants — Movements
- Insectivorous, *see* Insectivorous plants
- Medicinal, *see* Medical botany

— **Migration**

See also Geographical distribution of animals and plants

— **Morphology, see** Botany, Structural

— **Movements**

See also Botany — Physiology; Heliotropism; Irritability

- Names, *see* Botany — Nomenclature
- Nutrition, *see* Plants — Chemistry and nutrition
- Pathology, *see* Plants — Diseases
- Photography, *see* Photography — Plants
- Physiology, *see* Botany — Physiology
- Poisonous, *see* Poisonous plants
- Propagation, *see* Plant propagation
- Useful, *see* Botany, Economic

Plaster and plastering

See also Building; Ceilings; Gesso; Mural painting and decoration; Stucco

Plaster casts

See also Modeling; Sculpture; Statues

Plastering *see* Plaster and plastering

Plate

See also Goldsmithing; Hall marks; Pewter; Silversmithing; Silverware

Plate girders *see* Girders

Plate glass *see* Glass

Plate marks *see* Hall marks

Plate-metal work

See also Metal work

Refer from Botanizing (s); Collectors and collecting

Refer from Botany, Economic; Cultivated plants (s); Domestication; House plants (s)

Refer from Bacteriology, Agricultural; Botany — Pathology (s); Diseases of plants (s); Fruit — Diseases and pests; Fungi; Mildew; Pathological botany (s); Pathology, Vegetable (s); Plant diseases (s); Plant pathology (s); Plants — Pathology (s); Trees — Diseases and pests; Vegetable pathology (s)

Refer from Agricultural chemistry; Botany — Physiology

Refer from Freezing (s); Frost; Temperature

Refer from Geographical distribution of animals and plants; Migration of plants (s)

Refer from Botany — Physiology; Heliotropism; Irritability; Movements of plants (s); Plants — Habits (s)

Refer from Building; Building materials; Ceilings; Masonry; Mural painting and decoration; Plastering (s); Stucco

Refer from Casting (s); Casts, Plaster (s); Modeling; Sculpture; Statues

Refer from Gold plate (s); Goldsmithing; Hall marks; Jewelry; Metal work; Silversmithing; Silverware

Refer from Metal work

Platforms, Political

See also Political parties

Plating

See also Bronzing; Electroplating; Galvanizing; Gilding; Metal coloring
Platinotype *see* Photography — Printing processes

Platinum

See also Metals

Platonists

See also Philosophy, Greek; Neoplatonism

Plattdeutsch *see* Low German language; Low German literature

Play

See also Amusements; Athletics; Games; Kindergarten — Games and songs; Play festivals; Playgrounds; Playhouses (for children); Sports

Play festivals

Play writing *see* Drama

Players *see* Actors

Playgrounds

See also Parks; Vacation schools

Playhouses (for children)

Playing-cards *see* Cards

Playright *see* Copyright

Plays *see* Amateur theatricals; Drama

Playwrights *see* Dramatists

Pleading and practice

See also Actions at law; Appeal; Chancery; Costs; Courts; Equity; Forms (in law); Law; Trials

Pleasure

See also Contentment; Emotions; Happiness; Hedonism; Joy; Pain

Pleistocene period *see* Glacial period

Pliocene period *see* Geology, Stratigraphic — Pliocene; Paleontology — Pliocene

Plots (drama, novel, etc.)

See also Shakespeare, William — Plots

Ploughs *see* Plows

Plowing *see* Tillage

Plows

See also Farm implements and machinery

Plumbago *see* Graphite

Plumbing

See also Gas fitting; Lead burning; Pipe fitting; Sanitary engineering; Sanitation, Household; Solder and soldering

Pluralism

Plurality of worlds

Refer from Government; Party platforms (s); Political platforms (s); Political parties; Politics; U. S. — Politics

Refer from Galvanizing; Metal work; Silverplating (s); Silverplating (s)

Refer from Metals; Precious metals

Refer from Dualism; Philosophy; Philosophy, Greek

Refer from Amusements; Animals; Child study; Children; Exercise; Games; Kindergarten; Physical education; Psychology; Psychology, Comparative; Recreation (s)

Refer from Festivals; Pageants; Play

Refer from Amusements; Children; Children — Charities, protection, etc.; Municipal improvement; Neighborhood improvement; Parks; Play; Public playgrounds (s); School children; School hygiene; School playgrounds (s); Schools; Social centers

Refer from Play

Refer from Actions at law; Costs; Courts; Equity; Forms (in law); Law; Practice (law) (s); Procedure (s); Trials

Refer from Emotions; Ethics; Happiness; Hedonism; Joy; Pain; Psychology

Refer from Authorship; Drama; Dramatic plots (s); Fiction; Literature; Poetry; Scenarios (s)

Refer from Farm implements and machinery; Ploughs (s); Tillage

Refer from Architecture; Architecture, Domestic; Building; Gas fitting; House drainage (s); Industrial arts; Lead; Lead burning; Pipe fitting; Sanitary engineering; Sanitation, Household; Sewerage; Traps (plumbing) (s); Water supply

Refer from Metaphysics; Philosophy

Refer from Astronomy; Life in other worlds (s); Planets; Theology; Universe; Worlds, Plurality of (s)

Plutocracy *see* Wealth

Plymouth brethren

Pneumatic pumps *see* Air pumps

Pneumatic tires *see* Tires

Pneumatic transmission *see* Compressed air;
Pneumatic tubes

Pneumatic tubes

See also Compressed air

Pneumatics *see* Air; Gases

Pneumonia

See also Lungs; Respiratory organs —
Diseases

Poaching

See also Game laws

Poetry

See also Alliteration; Ballads; Bards;
Children's poetry; Christmas poetry; Col-
lege verse; Drama; Elegiac poetry; Epic
poetry; Humor; Hymns; Literature; Love
poetry; Lyric poetry; Macaronic verse;
Meter; Minnesingers; Nonsense verse;
Odes; Parodies; Pastoral poetry; Plots
(drama, novel, etc.); Poetry of places; Poets;
Prosody; Quotations; Religious poetry;
Rhyme; Rhythm; Songs; Sonnets; Trouba-
dours; Trouvères; Versification; War poet-
ry; *also* special subjects, e.g., Animals in
poetry, Children in poetry, Flowers in
poetry, Nature in poetry, and subhead
Poetry under various subjects; *also* Ameri-
can poetry, English poetry, etc.

—**Collections**

See also Recitations and readings

Poetry of animals *see* Animals in poetry

Poetry of childhood *see* Children in poetry;

Children's poetry; Nursery rhymes

Poetry of flowers *see* Flowers in poetry

Poetry of love *see* Love poetry

Poetry of nature *see* Nature in poetry

Poetry of places

Poetry of war *see* War poetry

Poets

See also Authors; Bards; Dramatists;
Meistersingers; Minnesingers; Minstrels;
Poetry; Poets laureate; Troubadours;
Trouvères

Poets laureate

Pointed architecture *see* Architecture, Gothic

Poison *see* Poisons; Ptomaines; Toxins

Poisonous plants

See also Medical botany

Poisons

See also Alkaloids; Antitoxins; Arsenic;
Chemistry, Legal; Drugs; First aid in illness
and injury; Lead poisoning; Medical juris-
prudence; Narcotics; Poisonous plants;
Ptomaines; Toxins; Venom

Poker

See also Cards

Poker work *see* Pyrography

Polanders *see* Poles (Polanders)

Refer from Darbyites (s); Sects

Refer from Compressed air; Conveying
machinery; Pneumatic transmission (s); Trans-
portation

Refer from Lungs; Medicine — Practice;
Respiratory organs — Diseases

Refer from Game laws; Hunting; Trapping

Refer from Ballads; Esthetics; Literature;
Meter; Poets; Prosody; Rhetoric; Romances;
Versification

Refer from Anthologies (s); Recitations and
readings

Refer from Poetry

Refer from Authors; Dramatists; Poetry

Refer from Laureates (s); Poets; Poets,
English

Refer from Botany, Economic; Plants;
Plants, Poisonous (s); Poisons

Refer from Accidents; Antidotes (s); Chem-
istry; Chemistry, Legal; Drugs; First aid in
illness and injury; Medical jurisprudence;
Medicine; Murder; Poison (s); Therapeutics;
Toxicology (s); Toxins; Venom

Refer from Cards; Draw-poker (s); Gambling

Polar light *see* Auroras
Polar regions *see* Antarctic regions; Arctic regions; North pole; South pole

Polariscope

See also Polarization (light)

Polarization (light)

See also Magneto-optics; Polariscope; Stereochemistry

Poles

See also Wood — Preservation

Poles (Polanders)

See also Poland; Slavs

Poles in the U. S.

See also Slavs in the U. S.

Police

See also Constables; Crime and criminals; Detectives; Prisons; *also* names of countries and cities, subhead Police

Police courts *see* Courts, Municipal

Police power

See also Civil rights; Constitutional law; Eminent domain; Government regulation of industry; Restraint of trade

Polish language

See also Slavic languages

Polish literature

See also Slavic literature

Polishing *see* Grinding and polishing

Politeness *see* Courtesy; Etiquet

Political bosses *see* Boss rule

Political conventions

See also Nominations; Political parties

Political corruption

See also Boss rule; Bribery; Campaign funds; Civil service reform; Graft; Lobbying; Political ethics

Political economy *see* Economics

Political ethics

See also Bribery; Citizenship; Compromise; Graft; Patriotism; Political corruption

Political offenses

See also Extradition; Treason

Political parties

See also Campaign funds; Campaign literature; Independents (in politics); Platforms, Political; Political conventions; Politics; *also* names of parties, e.g. Democratic party; Free soil party; Know-nothing party; Republican party; Tories, English; Whig party; and names of countries, subhead Politics

Political platforms *see* Platforms, Political

Political science *see* Government

Political songs *see* Campaign songs

Refer from Optical instruments; Polarization (light)

Refer from Light; Magneto-optics; Polariscope

Refer from Telegraph; Telegraph poles (s); Telephone; Telephone poles (s); Wood

Refer from Poland; Polanders (s); Slavs

Refer from Slavs in the U. S.; U. S.— Foreign population

Refer from Constables; Crime and criminals; Detectives; Government; Law; Municipal government; Prisons; Town officers

Refer from Constitutional law; Eminent domain; Government; Government regulation of industry; Law; Restraint of trade

Refer from Slavic languages

Refer from Slavic literature

Refer from Conventions, Political (s); Elections—U. S.; Government; Nominations; Political parties; U. S.—Conventions and public meetings

Refer from Boss rule; Bribery; Civil service reform; Corrupt practices at elections (s); Corruption in politics (s); Elections; Government; Graft; Lobbying; Municipal corruption (s); Political ethics; Politics

Refer from Citizenship; Ethics; Ethics, Political (s); Government; Political corruption; Politics; Social ethics; State ethics

Refer from Crime and criminals; Extradition; Government; Impeachment; International law

Refer from Government; Parties, Political (s); Party government (s); Platforms, Political; Political conventions; Politics; U. S.—Politics

Politics

See also Ballot; Boss rule; Campaign funds; Campaign literature; Civil service; Elections; Government; Independents (in politics); International relations; Liberalism; Lobbying; Nominations; Platforms, Political; Political corruption; Political ethics; Political parties; Primaries; Sectionalism; Suffrage; *also* names of countries and states, subhead Politics, and names of cities, subhead Government and politics

Poll tax

Pollination *see* Fertilization of plants

Pollution of streams *see* Water pollution

Polo

Polyandry

See also Polygamy

Polygamy

See also Harem; Marriage; Mohammedanism; Mormons and Mormonism; Polyandry

Polynesian languages

See also Oceanic languages

Polyphase currents *see* Electric currents, Alternating

Polyps *see* Coelenterata

Polytechnic schools *see* Technical education

Polytheism

See also Religions

Polyzoa

See also Invertebrates

Pomology *see* Fruit; Fruit culture

Pond life *see* Fresh-water life

Ponds

See also Fresh-water life; Lakes

Pontiac's conspiracy, 1763-1765

See also Indians — Wars; U. S. — History — Colonial period

Poor

See also Almshouses; Asylums; Begging; Charities; Children — Charities, protection, etc.; Cost of living; Farm colonies; Friendly visiting; Homes for the aged; Housing problem; Labor and laboring classes; Old age pensions; Pensions; Philanthropy; Poor laws; Slums; Social settlements; Standard of living; Sweating system; Tenement houses; Thrift; Tramps; Unemployed; *also* names of cities, subhead Poor

Poor laws

Poorhouses *see* Almshouses

Popes

See also Apostolic succession; Bulls, Papal; Catholic church; Vatican; Vatican council

— Authority and supremacy

See also Catholic church — Authority

— Biography

See also Popes — History

— Election

Refer from Government; Political parties

Refer from Taxation

Refer from Games; Horsemanship

Refer from Marriage; Polygamy

Refer from Marriage; Polyandry

Refer from Oceanic languages

Refer from God; Religions

Refer from Bryozoa (s); Invertebrates; Marine zoology

Refer from Lakes; Physical geography; Water

Refer from French and Indian war; Indians — Wars; U. S. — History — Colonial period

Refer from Aged poor (s); Almsgiving (s); Almshouses; Asylums; Begging; Benevolence (s); Charities; Dangerous classes (s); Dependent classes (s); Economics; Labor and laboring classes; Pauperism (s); People; Poverty (s); Slums; Social problems; Social settlements; Sociology; Tenement houses; Unemployed; Vagrancy (s)

Refer from Charities; Law; Poor; Vagrancy (s)

Refer from Apostolic succession; Bulls, Papal; Catholic church; Catholic church — Popes (s); Church polity; Holy See (s); Kings and rulers; Papacy (s); Rulers (s); Ultramontaniam; Vatican

Refer from Authority (in religion); Catholic church — Authority; Supremacy of the pope (s)

Refer from Biography; Christian biography; Popes — History

Popes—Continued

—**History**

See also Catholic church—History; Church history; Popes—Biography; Schism, The great western, 1378–1417

—**Infallibility**

See also Vatican council

—**Temporal power**

See also Church history—Middle ages

Popish plot, 1678

See also England—History—Stuarts

Popular election of senators *see* Senators—U. S.—Election

Popular errors *see* Errors, Popular

Popular government *see* Democracy

Popularity

Population

See also Birth rate; Census; Malthusianism; Statistics; Vital statistics; *also* names of countries, states and cities, subhead Population

Porcelain *see* Pottery

Porifera *see* Sponges

Porisms

Portable buildings

Portages

See also Indian trails

Portents *see* Omens

Portland cement *see* Cement

Portrait, painters *see* Painters

Portrait painting

See also Miniature painting

Portraits

See also Crayon drawing; Photographs; Pictures

Ports *see* Harbors

Portuguese language

See also Romance languages

Portuguese literature

See also Romance literature

Positivism

See also Philosophy, French

Posology *see* Prescriptions

Possession (in law)

See also Limitations (law)

Post-mortem examinations *see* Autopsy

Post-office *see* Postal service

Postage stamps

Postal savings banks

Postal service

See also Franking privilege; Library post; Parcels post; Postage stamps; Postal savings banks; Postal telegraph; Railway mail service; Rural free delivery

—**U. S.**

See also Rural free delivery

Refer from Catholic church—History; Church history; Popes—Biography; Schism, The great western, 1378–1317

Refer from Catholic church—Infallibility (s); Infallibility; Vatican council

Refer from Catholic church—History; Church and state; Church history—Middle ages; Temporal power of the pope (s)

Refer from Conspiracies; England—History—Stuarts

Refer from Conduct of life; Ethics; Success

Refer from Economics; Malthusianism; Sociology; Statistics; Vital statistics

Refer from Geometry

Refer from Architecture; Buildings, Portable (s)

Refer from Indian trails; Roads

Refer from Painting

Refer from Art; Biography; Iconography (s); Paintings; Pictures

Refer from Romance languages

Refer from Romance literature

Refer from Agnosticism; Deism; Naturalism; Philosophy; Philosophy, French; Religion; Religion of humanity (s)

Refer from Adverse possession (s); Law; Limitations (law); Property; Real estate

Refer from Collectors and collecting; Philately (s); Postal service; Stamps (s)

Refer from Banks and banking; Government banking (s); Postal service; Savings banks

Refer from Carriers; Communication; Mail (s); Post-office (s); Railway mail service; Transportation

Refer from Rural free delivery; U. S.—Postal service (s)

Postal telegraph

See also Government ownership

Posters

See also Billposting

Post-Nicene fathers *see* Fathers of the church

Potatoes

See also Vegetables

Potential, Theory of

Potomac, Army of the, *see* Army of the Potomac

Pottery

See also Annealing; Arts and crafts; Bric-a-brac; China painting; Clay industries; Concrete pottery; Glazing; Indians — Pottery; Majolica; Terra cotta; Tiles; Urns; Vases

Pouched animals *see* Marsupialia

Poultry

See also Ducks; Eggs; Geese; Incubators; Pigeons; Poultry houses; Turkeys

Poultry houses

See also Farm buildings; Poultry

Poverty *see* Poor

Powder *see* Gunpowder

Power

See also Compressed air; Dynamometer; Electric power; Engines; Force and energy; Machinery; Mechanics; Motors; Power plants; Power transmission; Steam; Water power

Power boats *see* Motor boats

Power houses *see* Power plants

Power of attorney *see* Agency

Power plants

See also Hydro-electric plants; Power transmission

—**Electric**

See also Electric power; Electric power transmission; Hydro-electric plants

—**Steam**

See also Boilers; Steam engines

Power stations *see* Power plants

Power transmission

See also Belting; Cables; Compressed air; Electric power transmission; Gearing; Machinery; Mechanical engineering; Motors; Power plants; Pulleys; Rope driving; Shafting

Powers (law)

See also Administrators and executors; Agency; Trustees

Refer from Government ownership; Postal service; Telegraph; Telegraph, Postal (s)

Refer from Advertising; Art; Billposting; Drawing; Picture posters (s)

Refer from Vegetables

Refer from Electric potential (s); Electrostatics; Force and energy; Gravitation; Theory of potential (s)

Refer from Archaeology; Arts and crafts; Bric-a-brac; Ceramics (s); China (porcelain) (s); China painting; Chinaware (s); Clay industries; Crockery (s); Decoration and ornament; Earthenware (s); Faience (s); Fayence (s); Industrial arts; Industries, Primitive; Keramics (s); Majolica; Manufactures; Porcelain (s); Stoneware (s); Terra cotta; Tiles; Vases

Refer from Birds; Chickens (s); Domestic animals; Ducks; Eggs; Food; Fowl (s); Fowls (s); Geese; Hen (s); Hens (s); Incubators; Live stock; Poultry houses; Turkeys

Refer from Farm buildings; Hen houses (s); Poultry

Refer from Mechanics

Refer from Central power stations (s); Mechanical engineering; Power; Power houses (s); Power stations (s); Power transmission

Refer from Electric engineering; Electric plants (s); Electric power; Electric power plants (s); Electric power transmission; Electric stations (s); Electricity — Distribution

Refer from Steam engines; Steam plants (s); Steam power plants (s)

Refer from Belting; Electric power transmission; Gearing; Machinery; Mechanical engineering; Mechanics, Applied; Power; Power plants; Pulleys; Rope driving; Shafting; Transmission of power (s)

Refer from Agency; Law

Practical ethics *see* Conduct of life
Practical theology *see* Christian life and character
Practice (law) *see* Pleading and practice
Pragmatism

Prairies

See also Western states

Prayer

See also Devotional exercises; Family worship; Lord's prayer; Prayer meetings; Prayers; Responsive worship; Ritualism; Worship

Prayer books

See also Breviaries; Liturgies; Prayers

Prayer meetings

Prayers

See also Devotional exercises; Family worship; Litanies; Liturgies; Lord's prayer; Prayer books; Rosary

Preachers

See also Clergy; Preaching

Preaching

See also Anecdotes, Religious; Elocution; Oratory; Preachers; Sermons

Preaching friars *see* Dominicans

Preadamites *see* Man — Origin and antiquity

Pre-Cambrian period *see* Geology, Stratigraphic — Archaean; Paleontology — Archaean

Precedence

See also Class distinction

Precession of the equinoxes *see* Equinoxes

Précieuses

See also Salons

Precious metals

See also Gold; Money; Platinum; Radium; Silver

Precious minerals *see* Mineralogy; Mines and mineral resources; Rare earths

Precious stones

See also Birth stones; Diamonds; Gems; Jewelry; Pearls

Précis writing

Precocity

Predestination

See also Arminianism; Calvinism; Freedom of the will; Salvation

Predictions *see* Forecasts; Prophecies

Preëxistence

See also Soul; Transmigration

Prehistoric archaeology *see* Archaeology

Prehistoric man *see* Man — Origin and antiquity

Refer from Empiricism; Ethics; Experience; Philosophy; Philosophy, Modern

Refer from Physical geography; Plains; Western states

Refer from Christian life and character; Devotion (s); Family worship; Religion; Theology; Worship

Refer from Collects (s); Liturgies; Prayers

Refer from Church services; Prayer; Revivals

Refer from Collects (s); Devotional exercises; Family worship; Liturgies; Prayer; Prayer books; Rites and ceremonies; Worship

Refer from Christian biography; Clergy; Ministers of the gospel (s); Pastors (s); Preaching

Refer from Church polity; Clergy; Elocution; Homiletics (s); Oratory; Pastoral work; Preachers; Pulpit oratory (s); Rhetoric; Sermons; Speaking (s)

Refer from Class distinction; Courts and courtiers; Diplomacy; Etiquet; Genealogy; Heraldry

Refer from French language; French literature; Salons; Women in France

Refer from Bimetallism; Bullion (s); Economics; Gold; Metals; Mines and mineral resources; Silver

Refer from Diamonds; Gems; Jewelry; Mineralogy; Stone; Stones (s)

Refer from Abstract writing (s); Rhetoric

Refer from Children; Genius; Psychology

Refer from Baptism—Infants; Calvinism; Election (in theology) (s); Fate and fatalism; Foreordination (s); Freedom of the will; Infant salvation; Necessity; Salvation; Sin; Theology

Refer from Reincarnation (s); Soul; Transmigration

Premature burial *see* Burial, Premature

Premonitions *see* Presentiments

Prenatal influences

See also Eugenics

Preparatory schools *see* Academies (schools);
Education, Secondary

Prepared cereals *see* Cereals, Prepared

Preraphaelitism

Presages *see* Omens

Presbyterian church

See also Church of Scotland; Presbyterian-
ism

Presbyterianism

See also Calvinism; Church of Scotland;
Covenanters; Presbyterian church

Prescriptions

See also Pharmacy

Presentiments

Presents *see* Gifts

Preservation of food *see* Cold storage; Food
preservation and preservatives

Preservation of landmarks, scenery, etc.

See also Historic houses; Niagara Falls —
Preservation; Trees, Historic

Preservation of wood *see* Wood — Preserva-
tion

Preservatives (food) *see* Food preservation and
preservatives

Preserving *see* Canning and preserving

Presidential campaigns *see* Elections — U. S.;
Presidents — U. S. — Election

Presidential elections *see* Elections — U. S.;
Presidents — U. S. — Election

Presidential government *see* Democracy; Re-
publics

Presidents

See also Executive power; Veto

—U. S.

See also Inaugurations

—U. S. — Election

See also Elections — U. S.

Press *see* Journalism; Liberty of the press;
Newspapers; Periodicals

Press clippings *see* Clippings

Presses, Printing, *see* Printing presses

Prestidigitation *see* Conjuring

Presumptive evidence *see* Evidence

Prevarication *see* Equivocation

Prevention of cruelty to animals *see* Animals —
Treatment

Price of food *see* Cost of living

Prices

See also Book prices; Cost of living; Eco-
nomics; Food supply; Marketing of farm
produce; Panics; Railroads — Rates; Salaries;
Standard of living; Supply and demand;
Value; Wages

Pride and vanity

Refer from Children; Eugenics; Heredity

Refer from Art; Painting; Painting, English

Refer from Church of Scotland; Presbyterian-
ism

Refer from Calvinism; Church of Scotland;
Church polity; Congregationalism; Covenant-
ers; Dissenters; Presbyterian church; Puri-
tans; Sects

Refer from Pharmacy; Posology (s)

Refer from Premonitions (s); Psychical
research; Psychology; Thought transference

Refer from Historic houses; Landmarks,
Preservation of (s); Landscape; Municipal
improvement; Patriotism; Trees, Historic

Refer from Biography; Executive power;
Kings and rulers; Rulers (s)

Refer from U. S. — Biography; U. S. — Presi-
dents (s)

Refer from Campaigns, Presidential (s);
Elections — U. S.; Presidential campaigns (s);
Presidential elections (s)

Refer from Commerce; Consumption (eco-
nomics); Cost; Cost of living; Economics; Fi-
nance; Manufactures; Money; Supply and
demand; Value; Wages

Refer from Ethics; Vanity (s)

Priesthood *see* Priests

Priests

See also Catholic church — Clergy; Celibacy; Clergy; Ordination

Priests' holes *see* Secret chambers

Prima donnas *see* Singers

Primaries

See also Caucus; Elections; Nominations

Primary batteries *see* Electric batteries

Primary education *see* Education, Elementary

Primary elections *see* Primaries

Primary schools *see* Education, Elementary

Primates

See also Apes; Gorillas; Mammals; Man; Monkeys

Prime ministers

Primers

See also Hornbooks; Readers

Primitive art *see* Art, Primitive

Primitive Christianity *see* Church history — Early church

Primitive culture *see* Civilization — History

Primitive industries *see* Industries, Primitive

Primitive man *see* Man — Origin and antiquity; Savages

Primitive society *see* Society, Primitive

Primogeniture

See also Entail; Inheritance

Princes and princesses

See also Courts and courtiers; Monarchy

Princesses *see* Princes and princesses

Principal and agent *see* Agency

Principals, School, *see* School superintendents and principals

Printers

See also Typographical societies

Printers' marks

Printing

See also Block books; Books; Calico printing; Capitalization; Colophons; Color printing; Electrotyping; Embossing; Incunabula; Ink; Paper; Photography; Printers; Printers' marks; Printing presses; Proof reading; Publishers and publishing; Stereotyping; Title-pages; Type; Typesetting; Typesetting machines; Typographical societies; Zincography

Printing presses

Prints *see* Engravings

Prison *see* Prisons

Prison escapes *see* Escapes

Prison labor *see* Convict labor

Prisoners, Discharged, *see* Discharged prisoners

Refer from Catholic church — Biography; Catholic church — Clergy; Church of England — Clergy; Church polity; Clergy; Ministers of the gospel (s); Pastors (s); Priesthood (s); Protestant Episcopal church in the U. S. — Clergy

Refer from Caucus; Direct nominations (s); Direct primaries (s); Elections; Elections — U. S.; Government; Nominations; Political Primary elections (s); U. S. — Politics

Refer from Apes; Mammals; Monkeys

Refer from Ministers of state; Statesmen

Refer from Readers; Spellers; Textbooks

Refer from Descent (s); Entail; Inheritance; Law

Refer from Biography; Courts and courtiers; Kings and rulers; Monarchy; Princesses (s); Royalty (s)

Refer from Biography; Printing

Refer from Incunabula; Marks, Printers' (s); Printing; Trade-marks

Refer from Alphabet; Block books; Books; Communication; Industrial arts; Literature; Publishers and publishing; Stereotyping; Type; Typesetting; Typography (s)

Refer from Machinery; Presses, Printing (s); Printing

Prisoners of war

See also Concentration camps; *also* subhead Prison life under various wars

Prisons

See also Convict labor; Crime and criminals; Discharged prisoners; Indeterminate sentence; Parole; Penal colonies; Police; Prisoners of war; Probation system; Punishment; Reformatories; Workhouses; *also* names of cities, subhead Prisons and reformatories

— U. S.

See also Crime and criminals — U. S.

Private judgment

See also Liberty of conscience; Religious liberty

Private libraries *see* Libraries, Private

Private schools

See also Academies (schools); Taxation, Exemption from

Private theatricals *see* Amateur theatricals

Privateering

See also Alabama claims; Maritime law; Prizes (international law); Search, Right of

Privileged classes

See also Leisure class; Monopolies

Prize fighting *see* Boxing

Prizes *see* Prizes (international law); Rewards (prizes, etc.)

Prizes (international law)

See also Contraband of war; Maritime law; Neutrality; Privateering; Salvage

Probabilities

See also Annuities; Chance; Errors, Theory of; Insurance; Least squares; Logic

Probate law and practice

See also Administrators and executors; Guardians; Inheritance; Jurisdiction; Trustees; Wills

Probation (theology) *see* Future life; Purgatory

Probation system

See also Juvenile courts; Parole

Procedure *see* Actions at law; Pleading and practice

Process work *see* Photomechanical processes

Processions

See also Pageants

Procrastination

Producer gas *see* Gas; Gas producers

Production *see* Economics; Industry

Products, Agricultural, *see* Agricultural products

Refer from Military art and science; Prisons; War

Refer from Convict labor; Convicts (s); Crime and criminals; Criminal law; Dungeons (s); Gaols (s); Government; Imprisonment (s); Indeterminate sentence; Jails (s); Penal institutions (s); Penitentiaries (s); Police; Prison (s); Public institutions (s); Punishment; Reform; Reformatories; Sociology; Workhouses

Refer from Crime and criminals — U. S.; U. S.— Prisons (s)

Refer from Liberty of conscience; Theology

Refer from Academies (schools); Boarding schools (s); Education; Education, Elementary; Education, Secondary; Schools

Refer from International law; Letters of marque (s); Maritime law; Naval art and science; Naval history; Pirates; Prizes (international law)

Refer from Economics; Government; Monopolies

Refer from International law; Maritime law; Privateering; Prizes (s); Rewards (prizes, etc.); War

Refer from Algebra; Betting; Certainty; Chance; Errors, Theory of; Fortune (s); Gambling; Least squares; Logic; Lotteries; Mathematics; Statistics

Refer from Administrators and executors; Courts; Guardians; Inheritance; Law; Surrogate law (s); Trustees; Wills

Refer from Crime and criminals; Criminal law; Indeterminate sentence; Juvenile courts; Parole; Prisons; Punishment; Reformatories; Suspended sentence (s)

Refer from Festivals; Pageants

Refer from Conduct of life

Products, Commercial, *see* Commercial products

Profanation *see* Sacrilege

Profanity *see* Swearing

Profession, Choice of

See also Business; Occupations; Women — Occupations

Professional education

See also Law — Study and teaching; Library schools and training; Medicine — Study and teaching; Technical education; Theology — Study and teaching; Vocational education

Professional ethics *see* Legal ethics; Medical ethics

Professions

See also Clergy; Dentistry; Journalism; Law; Library science; Medicine; Occupations; Profession, Choice of; Professional education; Teaching

Profit

See also Capital; Economics; Interest; Wages

Profit sharing

See also Communism; Cooperation; Industrial betterment; Labor and capital; Labor and laboring classes

Program music

Progress

See also Civilization; Economic determinism; Nineteenth century; Reform; Twentieth century

Progressive taxation *see* Taxation, Progressive

Prohibited books

See also Liberty of the press

Prohibition

See also Liquor laws; Liquor problem; Local option; Temperance

Projectiles

See also Ammunition; Ballistics; Firearms; Gunnery; Ordnance

Projection

See also Geometrical drawing; Geometry, Descriptive; Mechanical drawing; Perspective

Prologues

See also Drama

Promoting

See also Corporations; Securities

Promotion (in schools) *see* School grading and promotions

Pronunciation

See also Phonetics; Pronunciation, English; *also* names of languages other than English, e.g. German language — Pronunciation — English

Prony brake *see* Dynamometer

Proof *see* Evidence; Logic

Proof reading

Propagation of plants *see* Plant propagation

Refer from Business; Choice of profession (s); Occupations; Professions; Success

Refer from Education; Education, Higher (s); Education, Professional (s); Higher education (s); Professions; Technical education; Vocational education

Refer from Occupations; Vocations (s)

Refer from Business; Capital; Economics

Refer from Commerce; Cooperation; Economics; Industrial betterment; Labor and capital; Labor and laboring classes; Wages
Refer from Instrumental music; Music

Refer from Civilization; Ethics; History; Sociology

Refer from Books; Books and reading; Censorship of the press (s); Condemned books (s); Liberty of the press

Refer from Liquor laws; Liquor problem; Liquor traffic; Local option; Temperance

Refer from Ammunition; Artillery; Ballistics; Bullets (s); Firearms; Gunnery; Military art and science; Ordnance; Shells (explosives) (s)

Refer from Drawing; Geometrical drawing; Geometry, Descriptive; Mechanical drawing; Orthographic projection (s); Perspective

Refer from Drama

Refer from Advertising; Business; Capitalization (finance) (s); Corporations

Refer from Elocution; Language; Orthography (s); Phonetics; Words

Refer from English language; English language — Pronunciation (s); Pronunciation

Refer from Printing

Propellers

See also Aerial propellers; Steamboats

Proper names *see* Names, Geographical; Names, Personal

Property

See also Administrators and executors; Appraising; Attachment; Capital; Church property; Communism; Confiscation; Conveyancing; Copyright; Damages; Eminent domain; Entail; Estates, Unclaimed; Income; Inheritance; Insurance; Land; Land titles; Liens; Mortgages; Personal property; Possession (law); Real estate; Rent; Sale; Salic law; Socialism; Taxation; Trespass; Wealth; Wills

—Intellectual, *see* Copyright; Inventions; Patents

Prophecies

See also Apocalyptic literature; Bible — Prophecies; Divination; Forecasts; Fortune telling; Jesus Christ; Oracles; Prophets; Second advent

Prophets

See also Bible — Prophecies; Prophecies

Proportion (art)

See also Anatomy, Artistic; Composition (art); Perspective; Symmetry

Proportional representation

See also Representative government and representation

Proportional taxation *see* Taxation, Progressive
Proprietary medicines *see* Medicines, Proprietary

Prose

See also Literature; Rhetoric; and the references under these subjects

Prosody

See also Accent; Meter; Poetry; Prosody, English; Rhyme; Rhythm; Versification; also names of languages other than English, e.g. German language — Prosody

—English**Prospecting**

See also Assaying; Mines and mineral resources

Prosperity

See also Business depression; Panics

Prostitution

See also Illegitimacy; Sexual ethics; Vice

Protection *see* Tariff question

Protection from fire *see* Fire protection

Protection from frost *see* Frost protection

Protection of birds *see* Birds — Protection

Refer from Marine engineering; Screw propellers (s); Shipbuilding; Ships; Steamboats

Refer from Chattels (s); Commercial law; Economics; Government; Law; Ownership (s); Personal property; Real estate; Sociology; Wealth

Refer from Divination; Forecasts; Future (s); Predictions (s); Prophets; Theology

Refer from Bible; Bible — Prophecies; Bible — Old Testament — Biography; Biography; Jews; Prophecies

Refer from Anatomy, Artistic; Architecture; Art; Composition (art); Drawing; Esthetics; Figure drawing; Painting; Perspective; Sculpture; Symmetry

Refer from Constitutional law; Elections; Government; Minority representation (s); Representation (s); Representative government and representation

Refer from Literature; Rhetoric

Refer from Accent; Grammar; Language; Meter; Poetry; Rhyme; Versification

Refer from English language; English language — Prosody (s); English poetry; Prosody

Refer from Gold mines and mining; Mines and mineral resources

Refer from Business; Commerce; Economics; Wealth

Refer from Crime and criminals; Law; Sexual ethics; Social evil (s); Social problems; Vice; White slave trade (s); Women; Women — Crime

Protection of game *see* Game protection

Protective mimicry *see* Mimicry (biology)

Proteids *see* Proteins

Proteins

See also Chemistry, Organic; Physiological chemistry

Protestant churches *see* Protestantism

Protestant Episcopal church in the U. S.
[subdivided like Church of England]

See also Anglican communion; Apostolic succession; Christian year; Church of England; Confirmation; Episcopacy; Fasts and feasts; Ritualism; Sacraments; Sisterhoods

—Conventions

Protestant reformation *see* Reformation

Protestantism

See also Catholic church; Reformation; Sects

Protoplasm

See also Biology; Cells; Embryology

Protozoa

See also Infusoria; Invertebrates

Provençal language

See also Romance languages

Provençal literature

See also French literature; Troubadours

Proverbs

See also Bible — Old Testament — Proverbs; Epigrams; Folklore; Maxims; Quotations; Weather lore

Providence

Provident loan associations *see* Building and loan associations

Prudence

See also Thrift

Pruning

See also Fruit culture

Psalmody *see* Bible — Old Testament — Psalms; Church music; Hymns

Psalter *see* Bible — Old Testament — Psalms

Pseudonyms

See also Anonyms; Nicknames

Psychiatry *see* Mental diseases

Psychical research

See also Animal magnetism; Apparitions; Clairvoyance; Ghosts; Hypnotism; Hysteria; Illusions and hallucinations; Mind reading; Occult sciences; Personality; Presentiments; Psychometry (character reading, etc.); Spiritualism; Subconsciousness; Suggestion; Thought transference

Psychology

See also Ability; Animal intelligence; Apparitions; Apperception; Association of ideas; Attention; Automatism; Belief; Brain; Character; Child study; Color sense; Common sense; Consciousness; Crowds;

Refer from Chemistry, Organic; Food; Physiological chemistry; Proteids (s)

Refer from Anglican communion; Church of England; Episcopacy; Episcopal church (s); Sects

Refer from Catholic church; Christianity; Church history; Protestant churches (s); Reformation; Theology

Refer from Biology; Bioplasm (s); Cells; Embryology; Physiology

Refer from Animalcules; Cells; Infusoria; Invertebrates; Marine zoology

Refer from French language; Langue d'oc (s); Romance languages

Refer from French literature; Troubadours

Refer from Adages (s); Aphorisms (s); Apothegms (s); Epigrams; Folklore; Literature; Maxims; Quotations; Sayings (s)

Refer from God; Theology

Refer from Conduct of life; Thrift

Refer from Forests and forestry; Fruit culture; Gardening; Trees

Refer from Anonyms; Authors; Bibliography; Fictitious names (s); Names, Personal; Nicknames; Noms de plume (s); Sobriquets (s); Soubriquets (s)

Refer from Apparitions; Clairvoyance; Ghosts; Hypnotism; Illusions and hallucinations; Mind reading; Occult sciences; Personality; Psychology; Research; Spiritualism; Supernatural; Thought transference

Refer from Apperception; Association of ideas; Attention; Brain; Consciousness; Dreams; Education; Emotions; Habit; Human faculties (s); Imagination; Intellect; Intuition; Judgment; Knowledge; Man; Memory;

Psychology—Continued

Dreams; Eccentricity; Ecstasy; Education; Emotions; Esthetics; Ethics; Ethnopsychology; Experience; Freedom of the will; Genius; Graphology; Habit; Heredity; Hypnotism; Hysteria; Illusions and hallucinations; Imagination; Imitation; Individuality; Insanity; Instinct; Intellect; Intuition; Judgment; Knowledge; Logic; Melancholy; Memory; Mental diseases; Mental healing; Mental hygiene; Metaphysics; Mind and body; Mind reading; Muscular sense; New thought; Observation; Perception; Personality; Philosophy; Phrenology; Physiognomy; Play; Pleasure; Precocity; Presentiments; Psychical research; Reaction time; Reason; Senses and sensation; Sleep; Social psychology; Somnambulism; Soul; Subconsciousness; Suggestion; Temperament; Thought and thinking; Thought transference; Will; Worry

—Biblical, *see* Bible — Psychology

—Comparative

See also Animal intelligence; Color sense; Ethnopsychology; Instinct; Play; Social psychology

—Educational

See also Apperception; Attention; Child study; Imagination; Imitation; Interest (psychology); Memory; Mental discipline; Observation; Perception; Thought and thinking

—Ethnic, *see* Ethnopsychology

—Experimental, *see* Psychology, Physiological

—Pathological, *see* Mental diseases

—Physiological

See also Brain; Fatigue; Mental; Inhibition; Left- and right-handedness; Mental diseases; Mind and body; Muscular sense; Nervous system; Pain; Phrenology; Psychometry; Reaction time; Senses and sensation; Space perception

—Racial, *see* Ethnopsychology

—Social, *see* Social psychology

Psychometry

See also Reaction time

Psychometry (character reading, etc.)

Psychopathic hospitals *see* Insane hospitals

Psychosis *see* Mental diseases

Psychotherapy *see* Mental healing; Suggestive therapeutics

Psychrometer *see* Hygrometry

Ptomaines

See also Putrefaction; Toxins

Puberty

See also Youth

Public baths *see* Baths, Public

Public buildings

See also Library architecture; Municipal centers; Public works; Schoolhouses; *also* names of countries and cities, subhead Public buildings

Mental philosophy (s); Mental science (s); Metaphysics; Mind (s); Mind and body; Perception; Personality; Philosophy; Reason; Science; Senses and sensation; Soul; Thought and thinking; Understanding (s); Will

Refer from Animal intelligence; Animal psychology (s); Comparative psychology (s); Instinct; Intellect; Intelligence of animals (s); Zoology

Refer from Apperception; Attention; Child study; Education; Educational psychology (s); Mental discipline; Teaching

Refer from Experimental psychology (s); Mental physiology (s); Mind and body; Muscular sense; Nervous system; Physiological psychology (s); Physiology; Psychology, Experimental (s); Reaction time; Senses and sensation

Refer from Anthropometry; Brain; Psychology, Physiological; Reaction time

Refer from Character reading (s); Clairvoyance; Psychical research

Refer from Alkaloids; Pathology; Poison (s); Poisons; Putrefaction; Toxins

Refer from Physiology; Sex; Youth

Refer from Architecture; Buildings, Public (s); Government buildings (s); Municipal art; Municipal buildings (s); Municipal centers; Public works

Public comfort stations

Public debts *see* Debts, Public

Public documents *see* Government publications

Public health *see* Hygiene, Public

Public health boards *see* Health boards

Public institutions *see* Charities; Prisons; Public schools

Public lands

See also National parks and reserves; *also* names of countries and cities, subhead

Public lands

Public libraries *see* Libraries, Public

Public meetings

See also Assembly, Right of; *also* names of countries and cities, subhead Conventions and public meetings

Public opinion

Public ownership *see* Government ownership; Municipal ownership

Public playgrounds *see* Playgrounds

Public records *see* Archives

Public schools

See also Bible in the schools; Country schools; Education; Education and state; Evening and continuation schools; Grammar schools; High schools; Libraries and schools; Open-air schools; Public schools and religion; School children; Schools; Schools—Centralization; Teachers; Teaching; Truancy; Truant schools; Vacation schools; Vocational education; *also* headings beginning School

—U. S.

See also Education — U. S.

Public schools and religion

See also Bible in the schools

Public service commissions

See also Government regulation of industry; Railroad commissions

Public service corporations

See also Carriers; Eminent domain; Express companies; Gas companies; Government ownership; Government regulation of industry; Municipal franchises; Municipal ownership; Public service commissions; Railroads; Street railroads; Telegraph; Telephone

Public speaking *see* Oratory

Public spirit *see* Citizenship; Patriotism

Public utilities *see* Public service corporations

Public works

See also Municipal engineering; Public buildings; *also* names of countries and cities, subhead Public works

Public worship *see* Church attendance; Church services

Publicity

See also Advertising; Campaign funds

Refer from Hygiene, Public; Municipal improvement; Sanitary engineering

Refer from Crown lands (s); Land

Refer from Assembly, Right of; Meetings, Public (s)

Refer from Liberty of conscience; Liberty of the press; Opinion (s); People; Social psychology

Refer from Common schools (s); Education; Education and state; Free schools (s); Public institutions (s); Schools

Refer from Education — U. S.; U. S.—Public schools (s); U. S.—Schools (s)

Refer from Bible in the schools; Church and education; Education; Public schools; Religion in the public schools (s); Religious education

Refer from Government regulation of industry; Public service corporations

Refer from Corporations; Eminent domain; Government ownership; Government regulation of industry; Municipal franchises; Municipal ownership; Public utilities (s)

Refer from Civil engineering; Municipal engineering; Public buildings

Refer from Advertising; Corporations; Journalism; Newspapers

Publishers and publishing

See also Book reviews; Books; Booksellers and bookselling; Catalogs, Publishers'; Copyright; Printing
Publishers' catalogs *see* Catalogs, Publishers'
Publishing *see* Publishers and publishing

Pueblo Indians

See also Pueblos

Pueblos [the buildings and villages]

See also Cliff dwellers and cliff dwellings;

Pueblo Indians

Pugilism *see* Boxing**Pulleys**

See also Belting; Power transmission; Rope driving; Shafting

Pulp wood *see* Wood pulp**Pulpit oratory** *see* Preaching**Pulpits**

See also Church furniture

Pulpwood *see* Wood pulp**Pumping stations**

See also Pumps; Water supply

Pumps

See also Air pumps; Pumping stations

Punch and Judy *see* Puppet plays**Punching machinery**

See also Dies

Punctuation**Punic wars**

See also Carthage; Rome — History — Republic

Punishment

See also Capital punishment; Corporal punishment; Crime and criminals; Criminal law; Crucifixion; Exile; Flogging; Future punishment; Gallies; Indeterminate sentence; Parole; Penal colonies; Pillory; Prisons; Probation system; Reformatories; Torture; Workhouses

Punning

See also Humor

Puppet plays

See also Shadow pantomimes

Pure food laws *see* Food adulteration and inspection; Food laws**Purgatives****Purgatory**

See also Future life; Future punishment; Indulgences

Purification of water *see* Water — Purification**Puritanism** *see* Puritans**Puritans**

See also Blue laws; Church of England; Congregationalism; Dissenters; Friends, Society of; Marprelate controversy; Massachusetts — History; Nonjurors; Pilgrim fathers; Presbyterianism; Thanksgiving day

Refer from Book trade (s); Books; Booksellers and bookselling; Copyright; Literature; Printing; Publishing (s)

Refer from Indians; Pueblos

Refer from Arizona; Indians; Indians—Antiquities; New Mexico; Pueblo Indians

Refer from Belting; Machinery; Mechanical movements; Mechanics; Power transmission; Rope driving; Shafting

Refer from Church furniture

Refer from Hydraulic engineering; Pumps; Water supply

Refer from Engines; Hydraulic engineering; Hydraulic machinery; Machinery; Pumping stations; Steam pumps (s); Water supply

Refer from Dies; Machine tools; Metal work; Sheet-metal work

Refer from Language; Rhetoric; Writing

Refer from Carthage; Rome — History — Republic

Refer from Crime and criminals; Criminal law; Government; Law; Manners and customs; Penology (s); Prisons; Retribution (s); Sociology; Torture

Refer from Humor

Refer from Amusements; Drama; Marionettes (s); Pantomime; Punch and Judy (s); Theater

Refer from Therapeutics

Refer from Catholic church; Church discipline; Death; Eschatology; Future life; Future punishment; Indulgences; Intermediate state (s); Probation (theology) (s); Retribution (s); Theology

Refer from Calvinism; Christian biography; Church of England; Congregationalism; Dissenters; Massachusetts — History; Pilgrim fathers; Puritanism (s)

Purity *see* Chastity

Pus *see* Suppuration

Puseyism *see* Oxford movement; Pusey, E. B.

Putrefaction

See also Antiseptics; Bacteriology; Contagion and contagious diseases; Disinfection and disinfectants; Fermentation; Ptomaines

Puzzles

See also Acrostics; Anagrams; Charades; Riddles

Pygmies *see* Dwarfs

Pyramids

See also Egypt — Antiquities

Pyrography

See also Arts and crafts

Pyrometers and pyrometry

Pyrotechnics *see* Fireworks

Quacks and quackery

See also Imposture; Medicines, Proprietary; Swindlers and swindling

Quadrature of the circle *see* Circle-squaring

Quadrupeds

See also Animals; Domestic animals; Mammals; Zoology

Quakers *see* Friends, Society of

Qualitative analysis *see* Chemistry—Analysis

Quantitative analysis *see* Chemistry—Analysis

Quarantine

See also Hygiene, Public

Quarries and quarrying

See also Blasting; Building stones; Mines and mineral resources; Stone

Quartets, Vocal, *see* Choruses and part songs

Quaternary period *see* Geology, Stratigraphic

— Quaternary; Paleontology — Quaternary

Quaternions

See also Algebra; Vector analysis

Queen Anne's war, 1702-1713

See also Indians — Wars; U. S.— History — Colonial period

Queens and empresses

See also Courts and courtiers; Monarchy

Quicksilver *see* Mercury

Quietism

See also Mysticism

Quincy system

See also Object teaching

Quotations

See also Clippings; Daily readings; Epigrams; Maxims; Mottoes; Proverbs

Refer from Antiseptics; Bacteriology; Contagion and contagious diseases; Disinfection and disinfectants; Fermentation; Ptomaines

Refer from Acrostics; Amusements; Charades; Riddles

Refer from Archaeology; Architecture; Architecture, Ancient; Egypt — Antiquities; Monuments

Refer from Arts and crafts; Burnt leather (s); Burnt wood work (s); Etching; Fire etching (s); Poker work (s); Wood burning (s); Woodwork
Refer from Heat; Thermometer

Refer from Charlatanry (s); Imposture; Medical delusions; Medicine; Swindlers and swindling

Refer from Mammals; Zoology

Refer from Contagion and contagious diseases; Epidemics; Hygiene, Public; Naval hygiene

Refer from Blasting; Building stones; Geology, Economic; Mines and mineral resources; Stone; Stone quarries (s)

Refer from Algebra; Geometry; Mathematics; Vector analysis

Refer from England — History — Stuarts; French in America; Indians — Wars; New England — History — Colonial period; New York (state) — History; Spanish succession, War of; U. S.— History — Colonial period

Refer from Biography; Courts and courtiers; Empresses (s); Kings and rulers; Monarchy; Rulers (s); Royalty (s); Sovereigns (s); Women

Refer from Mysticism; Theology

Refer from Object teaching; Teaching

Refer from Aphorisms (s); Apothegms (s); Epigrams; Literature; Maxims; Mottoes; Poetry; Proverbs; Reference books; Sayings (s)

Quran *see* Koran

Rabbits

See also Belgian hares; Hares; Rodents

Rabies *see* Hydrophobia

Race characteristics *see* Anthropology; Ethnology; National characteristics

Race horses *see* Horse; Horse racing

Race improvement *see* Eugenics

Race problems

See also Immigration and emigration; International relations; Jews; Negroes; Yellow races

—U. S.

See also Chinese in the U. S.; Immigration and emigration — U. S.; Indians; Japanese in the U. S.; Negroes; U. S.—Foreign population

Race psychology *see* Ethnopsychology

Races of man *see* Ethnology

Racing *see* Automobile racing; Horse racing; Rowing; Running; Yachts and yachting

Rackets (game)

Racquets *see* Rackets (game)

Radiation

See also Cathode rays; Heat; Light; N rays; Radioactivity; Sound; Spectra; X rays

Radioactive substances *see* Radioactivity

Radioactivity

See also Cathode rays; Electrons; Helium; Ionization of gases; Phosphorescence; Radiography; Radiotherapy; Radium; X rays

Radiography

See also X rays

Radiotelegraphy *see* Wireless telegraphy

Radiotherapy

See also Radium; X rays

Radium

See also Radioactivity; Radiotherapy

Ragged schools

Railings

See also Fences

Railroad accidents *see* Railroads — Accidents

Railroad bridges *see* Bridges

Railroad commissions

Railroad construction *see* Railroads — Construction

Railroad crossings *see* Railroads — Crossings

Railroad employees *see* Railroads — Employees

Railroad engineering

See also Railroads — Construction; Railroads — Maintenance and repair; Railroads — Management; Surveying

Refer from Agricultural pests; Hares; Rodents

Refer from Ethnology; Government; History; International relations; Man; Native races (s); Social problems; Sociology; Yellow peril (s)

Refer from Ethnology — U. S.; Immigration and emigration — U. S.; Negroes; U. S. — Foreign population; U. S. — Race problems (s)

Refer from Games; Racquets (s); Tennis

Refer from Heat; Light; Physics; Sound

Refer from Becquerel rays (s); Chemistry; Chemistry, Physical; Electric discharges through gases; Electricity; Electrons; Helium; Ionization of gases; Light; Matter; Physics; Radiation; Radioactive substances (s); Radium; Rare earths; Science; Spectra

Refer from Dislocations; Fractures; Photography; Radioactivity; Sciagraphs (s); Skiagraphs (s); X-ray photography (s); X rays

Refer from Actinotherapy (s); Electrotherapeutics; Phototherapy; Radioactivity; Radium; Therapeutics; X rays

Refer from Chemical elements; Precious metals; Radioactivity; Radiotherapy

Refer from Charities; Charity schools; Education; Schools

Refer from Architecture; Balustrades (s); Carpentry; Fences; Hand-railings (s); Hand-railings (s); Iron work; Stair building

Refer from Government regulation of industry; Public service commissions; Railroads; Railroads — Law

Refer from Civil engineering; Engineering; Railroads; Railroads — Construction; Surveying

Railroad labor *see* Railroads — Employees
 Railroad law *see* Railroads — Law
 Railroad passes *see* Passes (free transportation)
 Railroad rates *see* Railroads — Rates
 Railroad shops *see* Railroads — Shops
 Railroad signals *see* Railroads — Signals
 Railroad spikes *see* Nails and spikes
 Railroad stations *see* Railroads — Stations
Railroad stories
 Railroad switches *see* Railroads — Switches
 Railroad terminals *see* Railroads — Stations
 Railroad ties *see* Railroads — Ties
 Railroad tracks *see* Railroads — Track

Railroads

See also Aerial railroads; Air brakes; Brakes; Bridges; Cable railroads; Carriers; Cars; Commerce; Earthwork; Electric railroads; Elevated railroads; Eminent domain; Express companies; Freight; Locomotives; Mountain railroads; Passes (free transportation); Railroad commissions; Railroad engineering; Railroad stories; Railway mail service; Rapid transit; Safety devices; Ship railroads; Speed; Steam engines; Street railroads; Subways; Surveying; Suspended railways; Train despatching; Transportation; Trestles; Tunnels

— **Accidents**

See also Railroads — Crossings; Railroads — Signals; Safety devices

— Aerial, *see* Aerial railroads

— Baggage, *see* Baggage

— **Buildings**

See also Railroads — Shops; Railroads — Stations

— Cable, *see* Cable railroads

— Cars, *see* Cars; Railroads — Rolling stock

— Collisions, *see* Railroads — Accidents

— **Construction**

See also Bridges; Civil engineering; Culverts; Curves in engineering; Earthwork; Railroad engineering; Railroads — Buildings; Railroads — Crossings; Railroads — Maintenance and repair; Railroads — Ties; Railroads — Track; Rails; Trestles; Tunnels

— **Crossings**

See also Railroads — Track

— Depots, *see* Railroads — Stations

— Electric, *see* Electric railroads

— **Electrification**

See also Electric locomotives; Electric railroads

— Elevated, *see* Elevated railroads

— **Employees**

See also Railroads — Pensions

Refer from Fiction; Railroads

Refer from Carriers; Commerce; Communication; Locomotives; Public service corporations; Railways (s); Rapid transit; Roads; Steam engines; Transportation

Refer from Accidents; Collisions (railroad) (s); Disasters; Occupations, Dangerous; Railroad accidents (s); Railroads — Collisions (s)

Refer from Architecture; Railroads — Construction; Railroads — Stations

Refer from Civil engineering; Engineering; Railroad construction (s); Railroad engineering; Railroads — Maintenance and repair; Railroads — Ties; Railroads — Track

Refer from Crossings, Railroad (s); Grade crossings (s); Municipal improvement; Railroad crossings (s); Railroads — Accidents; Railroads — Construction; Railroads — Track; Roads

Refer from Electric locomotives; Electric railroads; Electrification of railroads (s); Railroads — Equipment and supplies

Refer from Labor and laboring classes; Railroad employees (s); Railroad labor (s); Railroads — Labor (s); Railroads — Management

Railroads—Continued

—Equipment and supplies

See also Air brakes; Brakes; Car couplings; Car heating, lighting and ventilation; Cars; Locomotives; Railroads—Electrification; Railroads—Maintenance and repair; Railroads—Management; Railroads—Rolling stock; Railroads—Shops; Railroads—Signals; Safety devices

—Finance

See also Railroads—Rates; Railroads—Taxation

—Freight, *see* Freight

—Government ownership, *see* Government ownership; Railroads and state

—History

—Labor, *see* Railroads—Employees

—Law

See also Interstate commerce; Railroad commissions; Railroads—Rates; Railroads and state

—Maintenance and repair

See also Railroads—Construction; Railroads—Equipment and supplies; Railroads—Management; Railroads—Rolling stock; Railroads—Ties; Railroads—Track; Rails

—Management

See also Railroads—Employees; Railroads—Equipment and supplies; Railroads—Finance; Railroads—Maintenance and repair; Railroads—Signals; Scientific management; Train despatching

—Military

—Monorail, *see* Railroads—Single rail

—Operation, *see* Railroads—Management

—Passes, *see* Passes (free transportation)

—Pensions

—Rails, *see* Rails

—Rates

See also Interstate commerce; Passes (free transportation)

—Repair shops, *see* Railroads—Shops

—Rolling stock

See also Cars; Locomotives; Railroads—Equipment and supplies; Railroads—Maintenance and repair; Sleeping cars

—Safety devices, *see* Safety devices

—Shops

—Signals

—Single rail

See also Gyroscope; Suspended railways

Refer from Railroads—Maintenance and repair; Railroads—Management; Railroads—Rolling stock

Refer from Capitalization (finance) (s); Investments; Railroads—Management

Refer from Corporation law; Railroad law (s)

Refer from Railroad engineering; Railroads—Construction; Railroads—Equipment and supplies; Railroads—Management; Railroads—Rolling stock; Railroads—Track

Refer from Railroad engineering; Railroads—Equipment and supplies; Railroads—Maintenance and repair; Railroads—Operation (s); Scientific management

Refer from Military art and science; Military engineering; Military railroads (s)

Refer from Pensions; Railroads—Employees

Refer from Freight; Freight rates (s); Government regulation of industry; Interstate commerce; Prices; Railroad rates (s); Railroads—Finance; Railroads—Law; Railroads and state; Rates, Railroad (s); Rebates (railroads) (s)

Refer from Cars; Railroads—Cars (s); Railroads—Equipment and supplies; Railroads—Maintenance and repair; Rolling stock (s)

Refer from Car shops (s); Railroad shops (s); Railroads—Buildings; Railroads—Equipment and supplies; Railroads—Repair shops (s); Repair shops, Railroad (s); Shops (s)

Refer from Block signal system (s); Railroad signals (s); Railroads—Accidents; Railroads—Equipment and supplies; Railroads—Management; Safety devices; Signals

Refer from Electric railroads; Gyroscope; Monorailways (s); Railroads, Monorail (s); Single rail (s)

Railroads — Continued

— Stations

See also Railroads — Buildings

— Suspended, *see* Suspended railways

— Switches

See also Railroads — Track

— Taxation

— Terminals, *see* Railroads — Stations

— Ties

See also Railroads — Construction; Railroads — Track; Wood — Preservation

— Track

See also Railroads — Construction; Railroads — Crossings; Railroads — Maintenance and repair; Railroads — Switches; Railroads — Ties; Rails

— Underground, *see* Subways

— U. S.

Railroads and state

See also Government ownership; Government regulation of industry; Interstate commerce; Railroads — Rates

Rails

See also Railroads — Track

Railway mail service

See also Postal service

Railways *see* Railroads

Rain

See also Droughts; Meteorology

Rainbow

Ramie

See also Fibers

Rams, Hydraulic, *see* Hydraulic rams

Ranch life

See also Cowboys; Western states

Range management *see* Farm management

Rapid transit

See also Electric railroads; Elevated railroads; Railroads; Street railroads; Subways

Rappists *see* Harmonists

Rare books *see* Book rarities

Rare earths

See also Chemistry, Inorganic; Mineralogy; Radioactivity

Rasps *see* Files and rasps

Rat *see* Rats

Rates, Railroad, *see* Railroads — Rates

Rationalism

See also Deism; Enlightenment; Free thought; Reason; Transcendentalism

Refer from Architecture; Depots (s); Railroad stations (s); Railroad terminals (s); Railroads — Buildings; Railroads — Depots (s); Railroads — Terminals (s); Stations, Railroad (s)

Refer from Railroad switches (s); Railroads — Track; Switches, Railroad (s)

Refer from Railroads — Finance; Taxation

Refer from Cross-ties (s); Railroad ties (s); Railroads — Construction; Railroads — Maintenance and repair; Railroads — Track; Steel ties (s); Ties, Railroad (s)

Refer from Railroad tracks (s); Railroads — Construction; Railroads — Crossings; Railroads — Maintenance and repair; Railroads — Switches; Railroads — Ties; Rails; Track, Railroad (s)

Refer from Interstate commerce; U. S. — Commerce; U. S. — Railroads (s)

Refer from Government; Government ownership; Government regulation of industry; Interstate commerce; Railroads — Government ownership (s); Railroads — Law

Refer from Railroads — Construction; Railroads — Maintenance and repair; Railroads — Rails (s); Railroads — Track; Steel; Steel rails (s)

Refer from Postal service; Railroads

Refer from Climate; Droughts; Meteorology; Storms; Water

Refer from Light; Meteorology

Refer from Fibers; Hemp

Refer from Cowboys; Farm life; Frontier and pioneer life; Western states

Refer from Electric railroads; Elevated railroads; Railroads; Street railroads; Subways; Transit (s); Transportation

Refer from Chemistry, Inorganic; Earths, Rare (s); Mineralogy; Precious minerals (s)

Refer from Agnosticism; Belief; Deism; Free thought; Materialism; Philosophy; Philosophy, Modern; Reason (in religion) (s); Religion; Skepticism; Theology

Rats

See also Rats as carriers of contagion; Rodents

Rats as carriers of contagion

Raw materials *see* Commercial products

Reaction, Chemical, *see* Chemical reaction

Reaction time

See also Psychology, Physiological; Psychometry

Readers [for English school readers]

See also Primers; Recitations and readings; *also* names of languages, e.g. German language — Readers

Reading

See also Books and reading; Elocution; Readers

Readings *see* Recitations and readings

Ready-reckoners

See also Mathematics — Tables, etc.

Reagents

See also Chemical reaction

Real estate

See also Church property; Conveyancing; Deeds; Easements; Eminent domain; Entail; Estates, Unclaimed; Farm values; Farms; Land; Land tenure; Land titles; Landlord and tenant; Liens; Mortgages; Possession (in law); Property; Real estate business; Rent; Riparian rights; Sale; Single tax; Taxation; Torrens system; Unearned increment

Real estate business

Real presence *see* Lord's supper; Transubstantiation

Real property *see* Real estate

Realism

See also Idealism; Naturalism; Realism in art; Realism in literature; Scholasticism

Realism in art

See also Idealism in art; Naturalism in art

Realism in literature

See also Idealism in literature; Naturalism in literature

Realism in philosophy *see* Realism

Reality

See also Being; Metaphysics

Realty *see* Real estate

Reapers *see* Harvesting machinery

Reaping machines *see* Harvesting machinery

Reason

See also Animal intelligence; Instinct; Judgment; Logic; Philosophy; Psychology; Thought and thinking

Reason (in religion) *see* Rationalism

Reasoning *see* Logic

Rebates (railroads) *see* Railroads — Rates

Refer from Household pests; Rat (s); Rodents

Refer from Contagion and contagious diseases; Rats

Refer from Consciousness; Psychology; Psychology, Physiological; Psychometry; Senses and sensation; Time, Reaction (s)

Refer from English language—Readers (s); Literature; Primers; Reading; Recitations and readings; Textbooks

Refer from Elocution

Refer from Arithmetic; Arithmetic, Commercial; Calculation — Aids (s); Calculators (s); Mathematics

Refer from Chemical reaction; Chemical reagents (s); Chemistry

Refer from Betterments (s); Commercial law; Conveyancing; Deeds; Easements; Investments; Land; Land tenure; Land titles; Law; Mortgages; Property; Real property (s); Realty (s)

Refer from Business; Investments; Real estate

Refer from Idealism; Naturalism; Philosophy; Realism in philosophy (s); Scholasticism

Refer from Art; Esthetics; Idealism in art; Naturalism in art; Painting; Realism

Refer from Esthetics; Fiction; Idealism in literature; Literature; Naturalism in literature; Realism

Refer from Being; Knowledge; Metaphysics; Philosophy

Refer from Intellect; Judgment; Logic; Philosophy; Psychology; Rationalism; Thought and thinking

Rebates of duties *see* Drawbacks

Rebellion

See also Revolutions; *also* names of countries in which rebellions have taken place, e.g. U. S.—History—Civil war

Recall

See also Referendum

Receipts

See also Cookery

Receivers

See also Bankruptcy

Recipes *see* Cookery; Receipts

Reciprocity

See also Commercial treaties; Tariff question

Recitations and readings

See also Christmas poetry; Dialogues; English literature—Collections; English poetry—Collections; Literature—Collections; Monologues; Orations; Poetry—Collections; Readers

—Dialect

—Humorous

Reclamation of land

See also Alkali lands; Drainage; Irrigation; Jetties; Marshes

Recognition (international law)

Reconstruction

See also Freedmen; Ku-Klux Klan; Southern states; U. S.—History—1865-1898

Records, Public, *see* Archives

Records of births, marriages and deaths *see* Vital records

Recreation *see* Amusements; Games; Play; Sports

Recreation centers *see* Social centers

Recruiting and enlistment

See also Bounties, Military; Conscription; Military service

Rectors *see* Clergy

Red cross

See also Battlefield relief

Redemption *see* Salvation

Redemptioners

See also Indentured servants

Reed organ

Refer from Government; Revolutions

Refer from Elections; Government; Impeachment; Municipal government; Referendum

Refer from Chemistry; Chemistry, Technical; Home economics; Industrial arts; Manufactures; Recipes (s); Workshop receipts (s)

Refer from Agency; Bankruptcy; Corporations; Law

Refer from Commerce; Commercial treaties; Fair trade (s); Government; Tariff; Tariff question

Refer from Declamation (s); Dialogues; Elocution; English literature—Collections; Entertainments; Literature; Literature—Collections; Monologues; Pieces to speak (s); Poetry—Collections; Readers; Readings (s); Speakers (s)

Refer from Dialect recitations (s); Negro dialect

Refer from Humor; Humorous recitations (s)

Refer from Agriculture; Civil engineering; Conservation of resources; Deserts; Drainage; Engineering; Hydraulic engineering; Irrigation; Land; Marshes

Refer from International law; War

Refer from Carpetbag rule (s); Freedmen; Ku-Klux Klan; Southern states; U. S.—History—Civil war; U. S.—History—1865-1898; U. S.—History—Reconstruction (s), U. S.—Reconstruction (s)

Refer from Armies; Bounties, Military; Conscription; Enlistment (s); Military service

Refer from Battlefield relief; Disasters; Hospitals, Military; International law; Nurses and nursing; Relief work (s); War

Refer from Germans in Pennsylvania; Immigration and emigration—U. S.; Indentured servants; Slavery; U. S.—History—Colonial period

Refer from Cabinet organ (s); Harmonium (s); Musical instruments; Organ

Reference books

See also Allusions; Classical dictionaries; Dictionaries; Encyclopedias; Quotations; *also* subhead Dictionaries under various subjects

Referendum

See also Recall

Reflecting telescope *see* Telescope

Reflection (light)

See also Light; Optical instruments

Reflections *see* Meditations

Reforestation *see* Forest planting

Reform

See also Charities; Reformers; Social problems; *also* Civil service reform, Prisons, and other subjects of reform

Reform schools *see* Reformatories

Reformation

See also Catholic church — History; Church history; Counter-reformation; Husites; Protestantism; Reformers; Thirty years' war; *also* names of countries and churches

—France

See also France — History — House of Valois; France — Religious history; Huguenots; Waldenses

—Germany

See also Anabaptists; Germany — History — 1517-1740; Germany — Religious history; Lutheran church; Peasants' war

—Scotland

See also Church of Scotland; Covenanters; Scotland — Religious history

—Spain

See also Inquisition; Spain — History — 1479-1700; Spain — Religious history

Reformatories

See also Juvenile courts; Prisons; Probation system

Reformed church in America [Dutch]

Reformed Dutch church in America *see* Reformed church in America

Reformers

See also Reformation

Refraction

See also Astronomy, Spherical and practical; Light

Refrigeration and refrigerating machinery

See also Cold storage; Ice; Ice — Manufacture; Liquid air

Refer from Bibliography; Books; Books and reading; Libraries

Refer from Constitutional law; Democracy; Direct legislation (s); Government; Initiative (s); Legislation; Legislation, Direct (s); Municipal government; Recall; Representative government and representation

Refer from Light; Optical instruments

Refer from Progress; Social problems; Social reform (s)

Refer from Catholic church — History; Christianity; Church history; Church history — Reformation (s); Church history — Modern; Counter-reformation; History, Modern; Protestant reformation (s); Protestantism; Reformers

Refer from France — History — House of Valois; France — Religious history; Huguenots; Waldenses

Refer from Germany — History — 1517-1740; Germany — Religious history; Lutheran church; Peasants' war

Refer from Church of Scotland; Covenanters; Scotland — Religious history

Refer from Inquisition; Spain — History — 1479-1700; Spain — Religious history

Refer from Crime and criminals; Education; Industrial schools (s); Juvenile delinquency; Juvenile reformatories (s); Penal institutions (s); Prisons; Punishment; Reform schools (s)

Refer from Dutch reformed church (s); Reformed Dutch church in America (s); Sects

Refer from Biography; Christian biography; Reform; Reformation

Refer from Astronomy, Spherical and practical; Dioptrics (s); Light

Refer from Cold storage; Cooling appliances (s); Food preservation and preservatives; Freezing (s); Frost; Ice; Ice — Manufacture; Ice machinery (s); Machinery; Refrigerators (s)

Refrigerators *see* Cold storage; Refrigeration and refrigerating machinery

Refuse and refuse disposal

See also Sewage; Street cleaning; Waste products; Water pollution

Refer from Disposal of refuse (s); Factory waste (s); Garbage (s); Hygiene, Public; Municipal engineering; Municipal improvement; Sanitary chemistry; Sanitary engineering; Sanitation; Street cleaning; Trades waste (s); Waste, Disposal of (s); Waste products

Regalia

See also Church vestments; Costume; Crowns; Insignia

Regattas *see* Rowing; Sailing; Yachts and yachting

Regency

Regeneration (biology)

See also Biology; Cells

Refer from Costume; Insignia

Refer from Government; Monarchy

Refer from Biology; Cells; Growth; Reproduction

Regeneration (theology)

See also Baptism; Conversion; Salvation

Refer from Baptism; Conversion; Salvation; Theology

Regicides

See also Charles I, king of England; England — History — Stuarts; England — History — Civil war and commonwealth

Regimental histories. For regiments of regular armies *see* under various countries, e.g. U.S. — Army — 25th infantry; for state volunteer regiments and militia *see* under states, e.g. New York artillery — 9th regiment; for volunteer regiments recruited at large *see* under country, e.g. United States volunteer infantry — 2d regiment; *also* names by which regiments are known, e.g. Rough Riders

Refer from Biography; Crime and criminals; England — History — Stuarts; England — History — Civil war and commonwealth

Registers

See also Almanacs; Yearbooks [for annual registers]; *also* names of places, religious denominations, etc.

Registers of births, marriages and deaths *see* Vital records

Registration laws *see* Election laws

Reign of terror *see* French revolution

Reincarnation *see* Preëxistence; Transmigration

Reindeer

See also Ungulata

Reinforced concrete *see* Concrete, Reinforced

Relationship *see* Consanguinity

Relaxation *see* Amusements; Rest

Relics

See also Miracles; Saints; Shrines

Refer from Deer; Ungulata

Refer from Christian antiquities; Miracles; Shrines; Superstition

Relief work *see* Battlefield relief; Charities; Disasters; Famines; First aid in illness and injury; Outdoor relief; Red cross

Religion

For the Christian doctrines *see* Theology; for evidences *see* Christianity — Evidences; *See also* Allegories; Atheism; Authority (in religion); Belief; Bible; Christianity; Conscience; Consolation; Deism; Devotional exercises; Ecstasy; Ethics; Evil; Faith; Fanaticism; Fasts and feasts; Free religion; Future life; God; Hymns; Idolatry; Jesus Christ; Miracles; Missions; Monasticism;

Refer from Christianity; Ethics; Faith; God; Man; Natural religion; Philosophy; Revelation; Sociology; Supernatural; Theology

Religion — Continued

Mysteries (religious); Mysticism; Mythology; Natural religion; Oracles; Paganism; Pantheism; Philosophy; Positivism; Prayer; Rationalism; Religion and ethics; Religion and science; Religion of the future; Religions; Religious education; Religious liberty; Religious literature; Religious orders; Religious poetry; Repentance; Revelation; Revivals; Ritualism; Sacraments; Sacrilege; Sacrifice; Saints; Sects; Secularism; Sermons; Sin; Skepticism; Spiritual life; Sunday; Supernatural; Superstition; Symbolism; Theism; Theosophy; Totems and totemism; Worship; *also* headings beginning Christian and Church, and names of countries, subhead Religion or Religious history

— Personal, *see* Christian life and character; Spiritual life

—Philosophy

Religion and education *see* Church and education

Religion and ethics

Religion and evolution *see* Religion and science

Religion and medicine *see* Medicine and religion

Religion and science

See also Bible and science; Creation; Evolution; Modernism; Natural religion

Religion and sociology *see* Christian sociology; Social ethics

Religion and the public schools *see* Public schools and religion

Religion of humanity *see* Positivism

Religion of the future

Religions

See also Babism; Brahmanism; Buddhism; Christianity; Christianity and other religions; Confucianism; Dervishes; Druids; Druses; Hinduism; Idolatry; Indians — Religion; Jews — Religion; Lamaism; Mohammedanism; Mormons and Mormonism; Mythology; Nagualism; Parsees; Polytheism; Rosicrucians; Sacred books; Sects; Shinto; Sikhs; Spiritualism; Taoism; Theosophy; Worship; Zoroastrianism; *also* names of non-Christian countries, subhead Religion

Religious anecdotes *see* Anecdotes, Religious

Religious art *see* Christian art and symbolism; Church architecture; Temples

Religious authority *see* Authority (in religion)

Religious belief *see* Belief; Faith

Religious biography *see* Christian biography

Religious ceremonies *see* Rites and ceremonies

Religious denominations *see* Sects

Religious education

See also Bible — Study and teaching; Bible in the schools; Church and education; Church schools; Moral education; Public

Refer from Philosophy of religion (s)

Refer from Ethics; Ethics and religion (s); Religion

Refer from Bible; Bible and science; Christianity — Evidences; Christianity and science (s); Creation; Evolution; Natural religion; Philosophy; Religion; Religion and evolution (s); Science; Science and religion (s); Theology

Refer from Future religion (s); Religion

Refer from Belief; Civilization; Comparative religion (s); Mythology; Polytheism; Religion; Religious history (s); Superstition

Refer from Christian education (s); Christian life and character; Church and education; Education; Education, Religious (s); Moral

schools and religion; Sunday schools; Theology — Study and teaching
Religious experience *see* Christian life and character; Conversion; Spiritual life
Religious festivals *see* Fasts and feasts; Festivals

Religious history *see* Church history; Religions; *also* names of countries and cities, subhead Religious history

Religious liberty

See also Catholic emancipation; Church and state; Free religion; Free thought; Liberty; Liberty of conscience; Persecution

Religious literature

See also Anecdotes, Religious; Catholic literature; Religious poetry
Religious mysteries *see* Mysteries (religious)

Religious orders

See also Brotherhoods; Chivalry; Monasticism; Nuns; Sisterhoods; *also* names of orders, e.g. Franciscans; Jesuits; Malta, Knights of; Templars; Teutonic knights

Religious poetry

See also Hymns

Religious services *see* Church services; Devotional exercises; Liturgies; Worship

Remedies (in medicine) *see* Materia medica; Therapeutics

Renaissance

See also Architecture, Renaissance; Art, Renaissance; Fifteenth century; Humanism; Middle ages

Renaissance architecture *see* Architecture, Renaissance

Renaissance art *see* Art, Renaissance

Renaissance *see* Renaissance

Rent

See also Economics; Eviction; Land; Landlord and tenant

Repair shops, Railroad, *see* Railroads — Shops

Repairing *see* Mending and repairing

Repentance

See also Confession; Conversion; Penance

Reporting

See also Journalism; Shorthand; War correspondence

Reposé work

See also Arts and crafts; Metal work

Representation *see* Proportional representation; Representative government and representation

Representative government and representation

See also Boroughs; Cabinet system; Constitutional law; Democracy; Elections; Gerrymander; Legislative bodies; Nominations; Proportional representation; Referendum; Republics; Suffrage

education; Religion; Sunday schools; Theology — Study and teaching

Refer from Catholic church; Church and state; Church history; Free thought; Government; Intolerance (s); Liberty; Liberty of conscience; Persecution; Private judgment; Religion; Toleration (s)

Refer from Literature; Religion

Refer from Brotherhoods; Catholic church; Catholic church — Orders (s); Church history; Church polity; Convents and nunneries; Monastic orders (s); Monasticism; Nuns; Orders, Religious (s); Religion; Sisterhoods

Refer from Hymns; Poetry; Religion; Religious literature; Sacred poetry (s)

Refer from Art, Renaissance; Civilization; Fifteenth century; History, Modern; Humanism; Literature; Middle ages; Renaissance (s); Revival of letters (s)

Refer from Cost of living; Economics; House rent (s); Land; Land tenure; Landlord and tenant; Law; Property; Real estate

Refer from Conversion; Penance; Penitence (s); Religion; Sin; Theology

Refer from Correspondence (s); Interviewing (s); Journalism; Newspaper work (s), Newspapers

Refer from Arts and crafts; Metal work

Refer from Boroughs; Constitutional law; Constitutions; Democracy; Elections; Free institutions; Government; Proportional representation; Representation (s); Republics; Self-government (s); Suffrage; Voting (s)

Reproduction

See also Biology; Embryology; Fecundity; Parthenogenesis; Regeneration (biology); Spontaneous generation

Reptiles

See also Amphibia; Snakes; Vertebrates

—Fossil

—U. S.

Refer from Biology; Embryology; Fecundity; Generation (s); Spontaneous generation; Zoology

Refer from Amphibia; Herpetology (s); Snakes; Vertebrates

Refer from Fossil reptiles (s); Paleontology

Refer from U. S.—Herpetology (s); U. S.—Reptiles (s); Zoology — U. S.

Republican party

See also Free soil party; U. S.—Politics

Republics

See also Democracy; Federal government; Government; Representative government and representation; *also* names of republics

Refer from Political parties; U. S.—Politics

Refer from Constitutional law; Democracy; Federal government; Free institutions; Government; Presidential government (s); Representative government and representation

Reputation

See also Debts, Public

Research

See also Laboratories; Medical research; Psychical research; Scientific research; Seminary method

Reservations for the Indians *see* Indians — Reservations

Reservoirs

See also Dams; Irrigation; Water supply

Refer from Debts, Public; Finance; Loans

Refer from Colleges and universities; Education; Education and state; Scientific research; Seminary method; Study

Refer from Dams; Hydraulic engineering; Irrigation; Water supply

Residences *see* Architecture, Domestic

Resignation

Resins *see* Gums and resins

Resistance, Electric, *see* Electric resistance

Resistance of materials *see* Strength of materials

Resorts *see* Health resorts; Summer resorts; Winter resorts

Resources *see* Natural resources; Conservation of resources; *also* names of countries, sub-head Industries and resources

Respiration *see* Breathing

Respiratory organs

See also Anatomy; Breathing; Lungs; Nose; Physiology; Throat

—Diseases

See also Asthma; Bronchitis; Catarrh; Cold (disease); Cough; Croup; Hay fever; Influenza; Pneumonia; Tuberculosis

Refer from Air passages (s); Anatomy; Breathing; Chest; Lungs; Nose; Physiology

Refer from Asthma; Bronchitis; Catarrh; Cold (disease); Cough; Croup; Hay fever; Influenza; Medicine — Practice; Pneumonia; Tuberculosis

Responsive worship

See also Liturgies; Ritualism

Refer from Church services; Devotional exercises; Liturgies; Prayer; Worship

Rest

See also Fatigue; Sleep

Refer from Fatigue; Hygiene; Mental hygiene; Nervous system; Overwork; Relaxation (s); Therapeutics

Restaurants

See also Catering; Hotels; Waiters

Refer from Cafés (s); Hotels

Restraint of trade

See also Combination, Industrial; Interstate commerce; Labor unions; Monopolies; Police power; Trusts

Refer from Combination, Industrial; Commerce; Interstate commerce; Labor unions; Law; Monopolies; Police power; Trusts

Resumption of specie payment *see* Money — U. S.; Silver (as money)

Resurrection

See also Eschatology; Future life; Jesus' Christ — Resurrection and ascension

Refer from Death; Eschatology; Future life; Theology

Retaining walls *see* Walls
Retouching *see* Photography
Retribution *see* Future life; Future punishment; Hell; Punishment; Purgatory

Revelation

See also Apocalyptic literature; Bible; Christianity; Inspiration; Religion; Theology

Revenue *see* Finance; Tariff; Taxation; *also* names of countries, subhead Revenue

Reviews *see* Book reviews

Revision of the Bible *see* Bible — Revision

Revival of letters *see* Renaissance

Revivals

See also Camp meetings; Conversion; Evangelistic work; Keswick movement; Prayer meetings

Revolutionary war (U. S.) *see* U. S. — History
— Revolution

Revolutions

See also French revolution; Rebellion; *also* under various countries, e.g. France
— History — Revolution of 1848; Germany
— History — Revolution, 1848–1849; U. S.
— History — Revolution

Revolvers *see* Pistols

Rewards (prizes, etc.)

See also Bounties; Nobel prizes; Prizes (international law)

Rhaeto-Romanic language *see* Romansch language

Rheostats

See also Electric controllers; Electric resistance

Rhetoric

See also Allegory; Alliteration; Analogy; Composition (English); Conversation; Criticism; Descriptive writing; Drama; Editorials; Elocution; Eloquence; Esthetics; Irony; Lectures and lecturing; Letter writing; Metaphor; Onomatopoeia; Oratory; Poetry; Preaching; Précis writing; Prose; Punctuation; Satire; Translation; Versification

Rheto-Romanic language *see* Romansch language

Rheumatism

Rhodes scholarships, Oxford university

Rhyme

See also Prosody

Rhythm

See also Meter

Rice

Riches *see* Wealth

Riddles

See also Charades; Puzzles

Riding *see* Coaches and coaching; Driving; Horsemanship

Rifle practice

See also Target practice

Refer from Apocalyptic literature; Bible; Inspiration; Religion; Theology

Refer from Christian life and character; Church history; Church work; Conversion; Evangelistic work; Missions; Religion; Theology

Refer from Government; History; Rebellion

Refer from Compensation (s); Prizes (s)

Refer from Electric apparatus and appliances; Electric controllers; Electric resistance; Electric rheostats (s)

Refer from Allegory; Alliteration; Composition (English); Composition (rhetoric) (s); Criticism; Descriptive writing; Elocution; English composition (s); Expression; Figures of speech (s); Language; Lectures and lecturing; Letter writing; Literature; Metaphor; Oratory; Prose; Speaking (s); Style, Literary (s); Theme-writing (s); Words; Writing

Refer from Medicine — Practice

Refer from Oxford university; Scholarships

Refer from English language — Rhymes (s); Poetry; Prosody; Rime (s); Versification

Refer from Esthetics; Meter; Music; Poetry; Prosody; Versification

Refer from Agricultural products; Agriculture — Tropics; Grain

Refer from Amusements; Conundrums (s); Enigmas (s); Literature; Puzzles

Refer from Gunnery; Infantry drill and tactics; Military art and science; Rifles; Shooting; Target practice

Rifles

See also Firearms; Guns; Rifle practice; Shooting

Right and wrong *see* Ethics

Right-handedness *see* Left- and right-handedness

Right of assembly *see* Assembly, Right of

Right of petition *see* Petition, Right of

Right of sanctuary *see* Asylum, Right of

Right of search *see* Search, Right of

Righthandedness *see* Left- and right-handedness

Rights, Civil, *see* Civil rights

Rights of women *see* Woman suffrage; Women

— Law; Women — Social condition

Rime *see* Rhyme

Ringling *see* Bells; Chimes and chiming

Rings

See also Jewelry

Riots

See also Draft riot, 1863; Lynch law; Strikes and lockouts

Riparian rights

See also Water rights

Rites and ceremonies

See also Baptism; Canonization; Christian antiquities; Church dedication; Confirmation; Coronations; Fasts and feasts; Fire walk; Flute ceremonies; Funeral rites and ceremonies; Hymns; Inaugurations; Indians — Religion; Liturgies; Manners and customs; Marriage; Marriage customs and rites; Mass; Mysteries (religious); Ordination; Prayers; Ritualism; Sacraments; Totems and totemism; Worship

Ritual *see* Liturgies; Rites and ceremonies; Ritualism; *also* names of churches, subhead Liturgy and ritual

Ritualism

See also Catholic church — Liturgy and ritual; Church of England — Liturgy and ritual; Protestant Episcopal church in the U. S. — Liturgy and ritual; Rites and ceremonies; Worship

Rivers

See also Dams; Deltas; Embankments; Erosion; Floods; Hydraulic engineering; Hydraulics; Hydrography; Inland navigation; Physical geography; Riparian rights; Valleys; Water pollution; Water power; Waterways

— U. S.

See also Waterways — U. S.

Riviera

See also France — Description and travel; Italy — Description and travel; Monaco; Provence

Road, Rule of the, *see* Rule of the road

Road engines *see* Traction engines

Road maps

Refer from Arms and armor; Carbines (s); Firearms; Guns; Shooting

Refer from Finger rings (s); Jewelry

Refer from Crime and criminals; Crowds; Government; History; Mobs (s); Strikes and lockouts

Refer from Land tenure; Law; Littoral rights (s); Real estate; Rivers; Water rights; Waterways

Refer from Ceremonies (s); Christian antiquities; Christian art and symbolism; Church ceremonies (s); Church polity; Ecclesiastical ceremonies (s); Liturgies; Manners and customs; Religious ceremonies (s); Ritual (s); Ritualism; Worship

Refer from Catholic church; Catholic church — Liturgy and ritual; Church of England; Church of England — Liturgy and ritual; Church polity; Liturgies; Prayer; Protestant Episcopal church in the U. S.; Religion; Responsive worship; Rites and ceremonies; Ritual (s); Worship

Refer from Civil engineering; Engineering; Floods; Hydraulic engineering; Hydraulics; Hydrography; Inland navigation; Physical geography; Streams (s); Valleys; Water; Waterways

Refer from U. S. — Rivers (s); Waterways — U. S.

Refer from France — Description and travel; Italy — Description and travel; Monaco; Provence; Winter resorts

Refer from Maps; Roads

Roads

See also Civil engineering; Dust; Eminent domain; Indian trails; Pavements; Portages; Railroads; Railroads — Crossings; Road maps; Sidewalks; Street cleaning; Street railroads; Streets

—Macadamized

—Roman

—U. S.

See also Cumberland road; Indian trails; Oregon trail; Salt Lake trail; Santa Fe trail; Wilderness road

Robbers *see* Brigands and robbers

Robins

See also Birds

Rochdale system *see* Cooperation

Rock *see* Rocks

Rock drills

See also Boring; Mining machinery

Rock tombs *see* Tombs

Rocks

See also Geochemistry; Geodes; Geology; Granite; Igneous rocks; Limestone; Mineralogy; Sandstone; Slate; Stone

Rod, The, *see* Corporal punishment; Flogging

Rodents

See also Hares; Mammals; Mice; Rabbits;

Rats

Roentgen rays *see* X rays

Roller-skating

Rolling mills

See also Iron industry; Steel industry

Rolling stock *see* Railroads — Rolling stock

Romaic language *see* Greek language (modern)

Romaic literature *see* Greek literature (modern)

Roman Campagna *see* Campagna di Roma

Roman Catholic church *see* Catholic church

Roman emperors

See also Rome — History — Empire

Roman law *see* Civil law

Roman literature *see* Latin literature

Roman mythology *see* Mythology, Classical

Roman roads *see* Roads, Roman

Romance *see* Fiction; Romances

Romance languages

See also Aryan languages; French language; Italian language; Portuguese language; Provençal language; Romansch language; Rumanian language; Spanish language

Romance literature

See also French literature; Italian literature; Portuguese literature; Spanish literature

Romances

See also Arthurian romances; Charlemagne — Romances; English metrical romances; Fiction; Legends; Poetry

Refer from Civil engineering; Coaches and coaching; Eminent domain; Engineering; Highways (s); Pavements; Streets; Thoroughfares (s); Transportation; Turnpikes (s)

Refer from Macadamized roads (s); Pavements

Refer from Roads — England; Roads — France; Roads — Italy; Roman roads (s)

Refer from U. S. — Roads (s)

Refer from Birds

Refer from Boring; Diamond drilling (s); Excavating machinery; Mining engineering; Mining machinery

Refer from Chemical geology (s); Geochemistry; Geology; Granite; Igneous rocks; Lithology (s); Metamorphic rocks (s); Mineralogy; Petrography (s); Petrology (s); Rock (s); Sedimentary rocks (s); Stone

Refer from Hares; Mammals; Mice; Rabbits; Rats

Refer from Skating; Sports

Refer from Iron industry; Mills and millwork; Steel industry

Refer from Caesars (s); Emperors; Rome — History — Empire

Refer from Aryan languages; French language; Italian language; Language; Latin language; Neo-Latin languages (s); Portuguese language; Provençal language; Romansch language; Rumanian language; Spanish language

Refer from French literature; Italian literature; Literature; Portuguese literature; Spanish literature

Refer from Chivalry; Epic poetry; Fiction; Folklore; German literature; German romances (s); Legends; Literature; Romance (s); Stories (s)

Romanism *see* Catholic church

Romansch language

See also Romance languages

Romanticism

See also Classicism

Romany language

Romaunsch language *see* Romansch language

Rome — History

—— **Kings, B. C. 753–510**

—— **Republic, B. C. 510–30**

See also Gallic wars; Punic wars

—— **Empire, B. C. 30–A. D. 476**

See also Barbarian invasions of Rome;
Byzantine empire; Roman emperors

Rommany language *see* Romany language

Rood screens

Roofs

See also Arches; Architecture; Building;
Ceilings; Domes; Gables; Girders; Graphic
statics; Scaffolding; Skylights; Slate; Steel
construction; Strains and stresses; Trusses;
Vaulting

Root crops

See also Vegetables

Roots

See also Botany, Structural; Root crops

Rope

See also Cables; Cordage; Hemp; Knots
and splices; Rope driving; Wire

Rope driving

See also Belting; Power transmission;
Pulleys

Ropeways *see* Cableways

Rosary

Rose *see* Roses

Roses

See also Floriculture

Roses, Wars of the, *see* Wars of the Roses

Rosetta stone

Rosicrucians

See also Mysticism

Rosin *see* Gums and resins

Rosy cross, Order of the, *see* Rosicrucians

Rotation

See also Dynamics; Earth — Rotation;
Gyroscope; Rotation of crops

Rotation of crops

See also Agriculture; Pastures and mead-
ows

Rotation of the earth *see* Earth — Rotation

Rough Riders

See also U. S. — History — War with
Spain

Roumanian language *see* Rumanian language

Refer from Rhaeto-Romanic language (s);
Rheto-Romanic language (s); Romance lan-
guages; Romaunsch language (s)

Refer from Classicism; Esthetics; Idealism
in art; Idealism in literature; Literature

Refer from Gipsy language (s); Gypsy lan-
guage (s); Indo-Aryan languages; Rommany
language (s)

Refer from Gallic wars; Punic wars

Refer from Barbarian invasions of Rome;
Roman emperors

Refer from Church decoration and ornament;
Church furniture

Refer from Architecture; Building; Carpen-
try; Domes; Gables; Girders; Graphic statics;
Steel construction; Strains and stresses;
Trusses

Refer from Agricultural products; Crops;
Feeding and feeding stuffs; Roots; Vegetables

Refer from Botany — Physiology; Botany,
Structural; Plants

Refer from Cables; Cordage; Hemp; Hoist-
ing machinery; Manufactures

Refer from Belting; Power transmission;
Pulleys; Rope

Refer from Beads; Catholic church; Prayers

Refer from Floriculture; Flowers; Rose (s)

Refer from Egypt — Antiquities; Hiero-
glyphics

Refer from Mysticism; Order of the Rosy
cross (s); Religions; Rosy cross, Order of the (s);
Secret societies

Refer from Dynamics; Motion; Physics

Refer from Agriculture; Crop rotation (s);
Crops; Farm management; Rotation; Soil
fertility

Refer from U. S. — History — War with
Spain; United States volunteer cavalry

Round Table *see* Arthurian romances

Round towers

See also Ireland — Antiquities

Rowing

See also Aquatic sports; Boats and boating; Canoes and canoeing; College athletics

Royal descent, Families of

Royal supremacy (Church of England) *see*

Church of England — Royal supremacy

Royalty *see* Kings and rulers; Monarchy; Princes and princesses; Queens and empresses

Rubber

See also Gutta-percha

Rubber tires *see* Tires

Rugs

See also Carpets; House decoration

Ruins *see* Archaeology

Rule of the road

Rulers *see* Kings and rulers; *also* Emperors; Monarchy; Popes; Presidents; Queens and empresses

Rules of order *see* Parliamentary practice

Rumanian language

See also Romance languages

Runes

Running

See also Track athletics; Walking

Rural architecture *see* Architecture, Domestic; Bungalows; Cottages; Country houses; Farm buildings; Landscape gardening

Rural economy *see* Agriculture

Rural free delivery

See also Postal service — U. S.

Rural life *see* Country life; Farm life; Outdoor life

Rural poetry *see* Pastoral poetry

Rural schools *see* Country schools

Russian church *see* Greek church

Russian language

See also Slavic languages

Russian literature

See also Slavic literature

Russians in the U. S.

See also Slavs in the U. S.

Russo-Japanese war, 1904-1905

See also Japan — History; Russia — History

Russo-Turkish war, 1853-1856, *see* Crimean war

Refer from Archaeology; Ireland — Antiquities; Towers

Refer from Aquatic sports; Athletics; Boats and boating; College athletics; Locomotion; Navigation; Oarsmanship (s); Racing (s); Regattas (s); Sculling (s); Sports

Refer from Genealogy; Kings and rulers

Refer from Agricultural products; Agriculture — Tropics; Caoutchouc (s); Chemistry, Technical; Forest products; Gutta-percha; India-rubber (s); Indiarubber (s); Manufactures

Refer from Arts and crafts; Carpets; Domestic arts; Floors; House decoration; Textile industry and fabrics; Weaving

Refer from Collisions at sea; Navigation; Road, Rule of the (s)

Refer from Romance languages; Roumanian language (s)

Refer from Alphabet; Germanic languages; Inscriptions

Refer from Animal locomotion; Athletics; Cross-country running (s); Exercise; Foot-racing (s); Locomotion; Physical education; Racing (s); Sports; Track athletics; Walking

Refer from Postal service; Postal service — U. S.

Refer from Slavic languages

Refer from Slavic literature

Refer from Slavs in the U. S.; U. S. — Foreign population

Refer from Eastern question (Far East); Japan — History; Russia — History

Russo-Turkish war, 1877-1878

See also Russia — History; Turkey — History

Rust *see* Corrosion and anti-corrosives

Rustic woodwork

See also Garden ornaments and furniture

Rustless coatings *see* Corrosion and anti-corrosives

Rye House plot

See also England — History — Stuarts

Sabbatarians *see* Seventh-day Baptists

Sabbath *see* Sabbath, Jewish; Sunday

Sabbath, Jewish

Saber *see* Swords

Sabre *see* Swords

Sacraments

See also Baptism; Confirmation; Lord's supper; Marriage; Ordination; Penance; Unction

Sacred art *see* Christian art and symbolism

Sacred books

See also Avesta; Bible; Eddas; Koran; Talmud; Vedas

Sacred history *see* Bible — History; Church history

Sacred music *see* Church music; Oratorios

Sacred poetry *see* Hymns; Religious poetry

Sacrifice

See also Altars; Atonement

Sacrilege

Saddlery *see* Harness

Safes

See also Vaults

Safety devices

See also Air brakes; Brakes; Car couplings; Employers' liability; Lightning conductors; Railroads — Signals; Safety lamps; Safety valves

Safety lamps

See also Mine accidents; Mine fires

Safety valves

See also Boilers; Steam engines; Valves and valve gears

Sagas

See also Eddas; Folklore; Icelandic literature; Scandinavian literature

Sailing

See also Aquatic sports; Boats and boating; Canoes and canoeing; Navigation; Skipjacks; Yachts and yachting

Sailing directions *see* Pilot guides

Sailors

See also Impressment; Missions — Seamen; Naval biography; Pilots and pilotage; Sea stories; Seafaring life

Sailors' missions *see* Missions — Seamen

Refer from Eastern question (Near East); Russia — History; Turco-Russian war (s); Turkey — History; Turko-Russian war (s)

Refer from Carpentry; Garden ornaments and furniture; Landscape gardening

Refer from England — History — Stuarts

Refer from Jews; Jews — Religion; Sabbath (s)

Refer from Baptism; Catholic church; Church of England; Church polity; Lord's supper; Protestant Episcopal church in the U. S.; Religion; Rites and ceremonies; Theology; Worship

Refer from Literature; Religions

Refer from Altars; Human sacrifice (s); Religion; Theology; Worship
Refer from Desecration (s); Profanation (s); Religion

Refer from Vaults

Refer from Accidents; Air brakes; Brakes; Employers' liability; Life-saving; Occupations. Dangerous; Railroads; Railroads — Accidents; Railroads — Equipment and supplies; Railroads — Safety devices (s)

Refer from Explosions; Lamps; Mine accidents; Mine fires; Safety devices

Refer from Boilers; Safety devices; Steam engines; Valves and valve gears

Refer from Eddas; Folklore; Icelandic literature; Legends; Literature; Mythology, Norse; Northmen; Scandinavian literature

Refer from Aquatic sports; Boats and boating; Locomotion; Navigation; Regattas (s); Ships; Sports; Yachts and yachting

Refer from Naval biography; Navigation; Ocean; Ocean travel; Seafaring life; Seamen (s); Ships; Voyages and travels

Sailors' songs

Sails

St. Augustine, Order of, *see* Augustinians

St. Bartholomew's day, Massacre of

See also France — History — House of Valois; Huguenots

St. John of Jerusalem, Order of, *see* Malta, Knights of

St. Valentine's day *see* Valentine's day

Saints

See also Apostles; Bible — Biography; Canonization; Fathers of the church; Legends; Martyrs; Saints in art; Shrines

Saints in art

See also Christian art and symbolism

Salads

See also Cookery; Sauces

Salaries

See also Income; Teachers — Salaries, pensions, etc.; Wages

Sale

See also Auctions; Commercial law; Conveyancing; Land titles

Salesmanship

See also Advertising; Business; Commercial travelers

Salesmen, Traveling, *see* Commercial travelers

Salic law

Salmon

See also Fish; Trout

Salons

See also Précieuses

Saloons *see* Liquor problem; Liquor traffic; Temperance

Salt

See also Condiments; Geology, Economic; Sea water

Salt Lake trail

Salts

See also Chemistry

Salutations

Salvage

See also Maritime law; Wrecking

Salvation

See also Atonement; Conversion; Future life; Grace (theology); Infant salvation; Justification; Predestination; Regeneration (theology); Sanctification; Soul; Universalism

Salvation army

See also Farm colonies

Refer from Chanteys (s); Chanties (s); Songs

Refer from Ships

Refer from Bartholomew, St., Massacre of (s); France — History — House of Valois; France — Religious history; Huguenots; Massacres

Refer from Apostles; Bible; Bible — Biography; Canonization; Catholic church; Catholic church — Biography; Christian biography; Fathers of the church; Heroes; Legends; Martyrs; Miracles; Relics; Religion

Refer from Christian art and symbolism; Iconography (s); Saints

Refer from Cookery

Refer from Compensation (s); Economics; Income; Prices; Wages

Refer from Commercial law; Contracts; Land titles; Law; Personal property; Property; Real estate; Selling (s); Vendors (s)

Refer from Advertising; Business; Commerce; Commercial travelers; Peddlers and peddling; Selling (s)

Refer from France — Law; Inheritance; Law; Property; Women — Law

Refer from Fish; Fishing; Trout

Refer from French salons (s); Précieuses; Society; Women in France

Refer from Condiments; Geology, Economic; Mines and mineral resources

Refer from Indian trails; Roads — U. S.; Trails (s); Western states

Refer from Chemistry

Refer from Etiquet; Greetings (s); Manners and customs

Refer from Admiralty; Collisions at sea; Insurance, Marine; International law; Maritime law; Prizes (international law); Shipping; Shipwrecks; Wrecking

Refer from Conversion; Future life; Jesus Christ; Predestination; Redemption (s); Regeneration (theology); Sin; Soteriology (s); Theology

Refer from Charities; Evangelistic work; Sects

Samplers**San José scale**

See also Scale insects

Sanatoriums

See also Convalescent homes; Health resorts; Hospitals

Sanitification

See also Christian life and character

Sanctuary *see* Asylum, Right of

Sand dunes *see* Dunes

Sandemanians**Sandstone**

See also Building stones

Sandwiches

Sangreal *see* Grail

Sanitariums *see* Sanatoriums

Sanitary affairs *see* Hygiene, Public; Sanitation; *also* names of countries and cities, subhead Sanitary affairs

Sanitary chemistry

See also Adulterations; Air pollution; Chemistry, Household; Cleaning; Food — Analysis; Food adulteration and inspection; Refuse and refuse disposal; Sewage; Smoke; Water — Analysis; Water — Purification; Water pollution

Sanitary engineering

See also Filters and filtration; Heating; Hygiene, Public; Municipal engineering; Plumbing; Public comfort stations; Refuse and refuse disposal; Sanitation; Sewage; Sewerage; Street cleaning; Ventilation; Water — Purification; Water supply; *also* names of countries and cities, subhead Sanitary affairs

Sanitary science *see* Hygiene; Sanitary engineering; Sanitation

Sanitation

See also Cemeteries; Cleanliness; Disinfection and disinfectants; Hygiene; Hygiene, Public; Military hygiene; Naval hygiene; Refuse and refuse disposal; Sanitary chemistry; Sanitary engineering; Sanitation, Household; School hygiene; Sewage; Sewerage; Smoke; Ventilation; Water — Purification; Water supply; *also* names of countries and cities, subhead Sanitary affairs

—Household

See also Chemistry, Household; Heating; House cleaning; Plumbing; Ventilation

Sanskrit *see* Sanskrit

Sanskrit language

See also Indo-Aryan languages

Sanskrit literature

See also Hindu literature; Oriental literature; Vedas

Santa Claus

See also Christmas

Refer from Needlework

Refer from Chinese scale (s); Insects, Injurious and beneficial; Scale insects

Refer from Health resorts; Hospitals; Medicine; Mineral waters; Sanitariums (s)

Refer from Christian life and character; Christian perfection (s); Holiness (s); Perfection, Christian (s); Salvation; Spiritual life; Theology

Refer from Glassites (s); Sects

Refer from Building stones; Rocks; Stone

Refer from Cookery; Luncheons

Refer from Chemistry; Chemistry, Household; Chemistry, Sanitary (s); Sanitation

Refer from Architecture; Building; Civil engineering; Engineering; Engineering, Sanitary (s); Hygiene, Public; Municipal engineering; Municipal improvement; Plumbing; Sanitary science (s); Sanitation; Sewerage

Refer from Cleanliness; Hygiene; Hygiene, Public; Sanitary affairs (s); Sanitary engineering; Sanitary science (s)

Refer from Chemistry, Household; Domestic hygiene (s); Home economics; House drainage (s); House sanitation (s); Household sanitation (s); Housing problem; Hygiene, Domestic (s); Plumbing; Sanitation

Refer from Indo-Aryan languages

Refer from Hindu literature; Oriental literature

Refer from Christmas; Nicholas, St.

Santa Fé trail

Saracens

See also Arabia — History; Arabs; Caliphs; Crusades; Mohammedanism; Moors

Sarcophagi

Satan *see* Devil

Satellites

See also Astronomy; Moon; Perturbation; Planets

Satire

See also Caricature and cartoons; Humor; Irony; Parodies

— **American**

See also American literature; Satire, English

— **English**

See also English literature; Satire, American

— **Greek**

See also Greek literature

Sauces

See also Cookery

Savages

See also Indians; Society, Primitive

Saving *see* Thrift

Savings banks

See also Banks and banking; Building and loan associations; Postal savings banks; School savings banks; Thrift; Trust companies

Saw mills *see* Sawmills

Sawmills

Saws

See also Woodworking machinery

Saxon language *see* Anglo-Saxon language; Old Saxon language

Sayings *see* Epigrams; Maxims; Proverbs; Quotations; Table-talk

Scaffolding

See also Building; Shoring and underpinning

Scalds *see* Burns and scalds

Scale (music)

Scale insects

See also Hemiptera; San José scale

Scalping

Scandinavian languages

See also Danish language; Germanic languages; Icelandic language; Norwegian language; Swedish language

Scandinavian literature

See also Danish literature; Eddas; Icelandic literature; Norwegian literature; Sagas; Swedish literature

Scandinavian mythology *see* Mythology, Norse

Refer from Indian trails; New Mexico; Roads—U. S.; Southwestern states; Trails (s); Western states

Refer from Arabia — History; Arabs; Crusades; Mohammedanism; Moors

Refer from Bas-relief; Burial; Christian art and symbolism; Sculpture; Tombs

Refer from Astronomy; Perturbation; Planets; Secondary planets (s)

Refer from Caricature and cartoons; Comic literature (s); Humor; Lampoons (s); Literature; Rhetoric

Refer from American literature; American satire (s); Humor, American; Satire, English

Refer from English literature; English satire (s); Humor, English; Satire, American

Refer from Greek literature; Greek satire (s)

Refer from Cookery; Salads

Refer from Ethnology; Man; Primitive man (s); Society, Primitive; Sociology

Refer from Banks and banking; Cooperation; Thrift

Refer from Lumber and lumbering; Mills and millwork; Saw mills (s)

Refer from Tools; Woodworking machinery

Refer from Building; Carpentry; Roofs

Refer from Music

Refer from Coccidae (s); Fruit — Diseases and pests; Hemiptera; Insects, Injurious and beneficial; San José scale

Refer from Indians

Refer from Danish language; Germanic languages; Icelandic language; Norwegian language; Swedish language

Refer from Danish literature; Icelandic literature; Literature; Norse literature (s); Norwegian literature; Sagas; Swedish literature

Scandinavians in the U. S.

See also Danes in the U. S.; Norwegians in the U. S.; Swedes in the U. S.

Scarabs

Scarlatina see Scarlet fever

Scarlet fever

Scenarios *see* Plots (drama, novel, etc.)

Scene painting

Scenery *see* Landscape; Nature; Picturesque

Scent *see* Odors; Perfumery; Tracking

Scepticism *see* Skepticism

Schism, The great western, 1378-1417

See also Church history — Middle ages; Popes — History

Scholars

See also Culture; Degrees, Academic

Scholarship *see* Culture; Education; Scholars

Scholarships

See also Rhodes scholarships, Oxford university

Scholastic philosophy *see* Scholasticism

Scholasticism

See also Philosophy, Medieval; Realism

School administration and organization

See also School grading and promotions; School management; School reports; School superintendents and principals

School architecture *see* Schoolhouses

School athletics

See also Baseball; Basket-ball; College athletics; Football

School attendance

See also Compulsory education; Truancy

School books *see* Textbooks

School buildings *see* Schoolhouses

School centralization *see* Schools — Centralization

School children

See also Anthropometry; Child study; Children, Abnormal and backward; Medical inspection of schools; Playgrounds; School attendance; School hygiene; School lunches; School management; Study; Truancy

School city

See also Self-government (in education)

School decoration

School discipline *see* School management

School entertainments

School equipment *see* School furniture and equipment

School excursions

School farms *see* Farm schools; School gardens

Refer from Danes in the U. S.; Norwegians in the U. S.; Swedes in the U. S.; U. S. — Foreign population

Refer from Amulets; Beetles; Symbolism

Refer from Children — Diseases; Contagion and contagious diseases; Fever; Medicine — Practice; Scarlatina (s)

Refer from Painting; Theater

Refer from Catholic church — History; Church history — Middle ages; Great schism, 1378-1417 (s); Papal schism (s); Popes — History

Refer from Culture; Education; Learned men (s); Learning (s); Scholarship (s); Study

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Refer from Athletics; College athletics; Games; High school athletics (s); High schools; Physical education; School sports (s)

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Refer from Boys; Children; Girls; Public schools; School hygiene

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School gardens

See also Gardening; Vacant lot cultivation

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School hygiene

See also Medical inspection of schools; Open-air schools; Overpressure (education); Playgrounds; School children; School lunches; School nurses

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School stories

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See also Academies (schools); Auxiliary schools; Charity schools; Church schools;

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Refer from Grading in schools (s); Promotion (in schools) (s); School administration and organization; School management; Teaching

Refer from Children — Care and hygiene; Hygiene; Hygiene, Public; Medical inspection of schools; Occupations — Diseases and hygiene; Sanitation; School children; Schoolhouses

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Refer from Principals, School (s); School administration and organization; School principals (s); Superintendents, School (s); Teachers

Refer from Architecture; Public buildings; School architecture (s); School buildings (s); School houses (s)

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See also Anthropology; Astronomy; Biology; Botany; Chemistry; Economics; Ethnology; Evolution; Geography; Geology; Government; History; Industrial arts; Inventions; Language; Law; Logic; Mathematics; Medicine; Meteorology; Microscope and microscopy; Military art and science; Mineralogy; Natural history; Nature; Nature study; Naval art and science; Occult sciences; Paleontology; Philosophy; Physical geography; Physics; Psychology; Radioactivity; Religion and science; Scientific apparatus and instruments; Scientific expeditions; Scientific recreations; Scientific research; Scientific societies; Scientists; Sociology; Technology; Theology; Weights and measures; Zoology

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See also Nature study; Technical education; *also* names of sciences

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See also Accounting; Cost accounting; Efficiency, Industrial; Executive ability; Factory management; Foremen's schools; Machine shop management; Railroads—Management

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Refer from Escuage (s); Feudalism; Land tenure; Taxation

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Refer from Adventure; Marine life (s); Ocean life (s); Sailors; Sea life (s); Voyages and travels

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Refer from Archaeology; Heraldry; Inscriptions; Intaglios; Numismatics; Sigillography (s); Signets (s); Sphragistics (s)

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Refer from Medicine — Practice; Naval hygiene; Ocean; Ocean travel

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Second adventists

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Refer from Ethics; Free thought; Religion; Utilitarianism

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—Inspection, *see* Seeds — Adulteration and inspection

—Selection and testing

See also Seeds — Adulteration and inspection

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Self-culture

See also Books and reading; Conversation; Correspondence schools and courses; Education; Etiquet; Mental discipline; Study; Study clubs; University extension

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Self-education *see* Self-culture

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See also Arabic language; Assyrian language; Hebrew language; Oriental languages

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Refer from Distribution of seed by the government (s); Free seed distribution (s)

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Refer from Arabic language; Assyrian language; Hebrew language; Language; Oriental languages

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See also Color sense; Hearing; Light; Muscular sense; Pain; Perception; Psychology; Psychology, Physiological; Reaction time; Sight; Smell; Sound; Space perception; Taste (sense); Touch

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See also Beatitudes; Bible — New Testament — Matthew

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See also Europe — History — 1492-1789; French and Indian war; Germany — History — 1740-1815; Prussia — History

Seventeen-year locusts *see* Cicadas

Seventeenth century

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See also Plumbing; Sanitary engineering; Sewage; *also* names of cities, subhead Sewerage

Refer from Consciousness; Hearing; Intellect; Perception; Psychology; Psychology, Physiological; Sensation (s); Sight; Smell; Space perception; Taste (sense); Touch

Refer from Separatists (s); Sects; Zoar community (s); Zoarites (s)

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Refer from Homiletics (s); Homilies (s); Literature; Preaching; Religion; Theology

Refer from Animal worship; Animism; Indians — Religion; Nature worship; Snake worship (s); Snakes; Worship

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Refer from Domestic service (s); Domestic (s); Home economics; Housemaids (s); Labor and laboring classes; Master and servant; Waiters

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Refer from Europe — History — 1492-1789; History, Modern

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Refer from Hygiene, Public; Refuse and refuse disposal; Sanitary chemistry; Sanitary engineering; Sanitation; Sewerage; Waste, Disposal of (s); Water pollution

Refer from Drainage; House drainage (s); Municipal engineering; Sanitary engineering; Sanitation; Sewage; Sewers (s)

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Puberty; Sexual ethics
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Refer from Amateur theatricals; Chinese
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—Contemporary England

- **Criticism** [including commentaries without text; criticism of a single play follows its text]
See also Shakespeare — Textual criticism
- **Cyclopedias**, *see* Shakespeare — Dictionaries
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- **England in Shakespeare's time**, *see* Shakespeare — Contemporary England
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- **Ethics**, *see* Shakespeare — Religion and ethics
- **Fiction** [about]
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- **Grammar**, *see* Shakespeare — Language, pronunciation and versification
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- **Legal knowledge**, *see* Shakespeare — Learning
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Refer from Shakespeare — Wit and humor (s)

Refer from Shakespeare — Pictures (s)

Refer from Shakespeare — Grammar (s); Shakespeare — Pronunciation (s); Shakespeare — Rhetoric (s); Shakespeare — Textual criticism; Shakespeare — Versification (s)

Refer from Shakespeare — Biblical knowledge (s); Shakespeare — Knowledge (s); Shakespeare — Legal knowledge (s); Shakespeare — Medical knowledge (s); Shakespeare — Sources

Refer from Shakespeare — Animal lore (s); Shakespeare — Botanical knowledge (s); Shakespeare — Learning; Shakespeare — Plant lore (s)

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— Pronunciation, *see* Shakespeare — Lan-
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— Stage presentation

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— Tales from Shakespeare, *see* Shakespeare —
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— Theology, *see* Shakespeare — Religion and
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Shay's rebellion, 1786-1787

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—U. S.

Shipping subsidies *see* Subsidies

Shippo *see* Cloisonné

Ships

See also Anchors; Armored vessels; Boats and boating; Galleys; Ice-breaking vessels; Launching; Naval art and science; Navies; Navigation; Propellers; Sailing; Sailors; Sails; Shipbuilding; Shipping; Shipwrecks; Steam navigation; Steamboats; Submarine boats; Torpedo boats; Warships; Yachts and yachting

Shipwrecks

See also Castaways; Collisions at sea; Life-saving; Lifeboats; Salvage; Wrecking

Shoemakers

Shoes *see* Boots and shoes

Shooting

See also Archery; Ballistics; Firearms; Game; Game birds; Gunnery; Guns; Hunting; Rifle practice; Rifles; Sports; Target practice

Shooting stars *see* Meteors

Shop management *see* Machine shop management; Scientific management

Shop practice *see* Machine shop practice

Shop window decoration *see* Window dressing

Shoplifting *see* Larceny

Shops *see* Machine shops; Railroads — Shops

Shore *see* Seashore

Shoring and underpinning

See also Building; Foundations

Short ballot *see* Ballot

Short-sightedness *see* Myopia

Short stories

See also Fiction

Shorthand

See also Abbreviations; Writing

Shot-guns *see* Shotguns

Shotguns

Refer from Canals; Inter-oceanic canals (s); Panama canal

Refer from Railroads

Refer from Architecture, Naval (s); Boat building (s); Bulkheads; Industrial arts; Marine architecture (s); Marine engineering; Naval architecture (s); Naval art and science; Navigation; Ship-building (s); Shipping; Ships; Steamboats; Vessels (s)

Refer from Carriers; Commerce; Maritime law; Mercantile marine (s); Merchant marine (s); Navigation; Ships; Steamboats; Transportation; Vessels (s)

Refer from U. S.—Commerce; U. S.—Merchant marine (s); U. S.—Shipping (s)

Refer from Boats and boating; Fleets (s); Navigation; Ocean; Shipbuilding; Shipping; Vessels (s)

Refer from Accidents; Adventure; Castaways; Collisions at sea; Disasters; Life-saving; Navigation; Ocean; Ships; Wrecks (s)

Refer from Biography; Boots and shoes

Refer from Ballistics; Firearms; Game; Game birds; Gunnery; Gunning (s); Guns; Hunting; Rifles; Sports

Refer from Building; Foundations; Scaffolding; Underpinning (s)

Refer from Authorship; Fiction; Literature; Stories (s)

Refer from Abbreviations; Brachygraphy (s); Business education; Phonography (s); Reporting; Signs; Stenography (s); Tachygraphy (s); Takigraphy (s); Writing

Refer from Firearms; Guns; Shot-guns (s)

Show cards

Show windows *see* Window dressing

Shrines

See also Holy wells; Miracles; Pilgrimages; Relics

Shrubs

See also Botany; Gardening; Hedges; Landscape gardening; Topiary work; Trees

Siberia — Exiles**Sicilian vespers**

Sick, The, *see* Invalids

Sidereal system *see* Stars

Sidewalks

See also Pavements

Sieges

See also Battles; Fortification; Military art and science; Mines, Military

Sight

See also Astigmatism; Blind; Color blindness; Color sense; Eye; Myopia; Optical illusions; Senses and sensation; Spectacles

Sight reading

See also Tonic sol-fa

Sigillography *see* Seals (numismatics)

Sign boards *see* Sign painting; Signs

Sign language

See also Ciphers; Deaf and dumb; Pantomime

Sign painting

See also Lettering; Painting, Mechanical; Signs

Signals

See also Beacons; Bugle calls; Fire alarms; Flags; Fog signals; Railroads — Signals; Telegraph; Wireless telegraphy

Signatures *see* Autographs

Signboards *see* Sign painting; Signs

Signers of the Declaration of independence *see* Declaration of independence — Signers

Signets *see* Seals (numismatics)

Signs

See also Shorthand; Sign language; Sign painting; Signals

Signs (omens) *see* Omens

Sikhs

See also India — History

Silage *see* Ensilage

Silhouettes**Silk**

See also Silkworms; Textile industry and fabrics

Silkworms

Silos *see* Ensilage

Silurian period *see* Geology, Stratigraphic — Silurian; Paleontology — Silurian

Silver

See also Cyanide process; Precious metals; Silver (as money); Silver mines and mining; Silversmithing; Silverware

Refer from Advertising

Refer from Catholic church; Christian antiquities; Church furniture; Holy wells; Miracles; Pilgrimages; Relics; Saints

Refer from Botany; Gardening; Hedges; Landscape gardening; Plants

Refer from Crime and criminals — Russia; Exile; Penal colonies; Prisons — Russia

Refer from Massacres; Sicily — History

Refer from Pavements; Roads; Streets

Refer from Battles; History; Military art and science; Military history; War

Refer from Eye; Light; Optics, Physiological (s); Perception; Senses and sensation; Vision (s)

Refer from Music; Music — Instruction and study; Singing and voice culture

Refer from Deaf and dumb; Gesture; Language; Signs

Refer from Advertising; Lettering; Painting, Mechanical; Sign boards (s); Signboards (s); Signs

Refer from Collisions at sea; Flags; Military art and science; Naval art and science; Navigation; Signs

Refer from Advertising; Business; Municipal improvement; Sign boards (s); Sign painting; Signboards (s)

Refer from India — History; India — Religions

Refer from Art; Drawing

Refer from Animal products; Fibers; Textile industry and fabrics; Yarn

Refer from Cocoons; Moths; Sericulture (s); Silk

Refer from Precious metals

Silver (as money)

See also Bimetallism; Coinage; Money

Silver mines and mining

Silver-plating *see* Electroplating; Plating

Silver question *see* Money — U. S.; Silver (as money)

Silverplating *see* Electroplating; Plating

Silversmithing

See also Arts and crafts; Hall marks; Jewelry; Metal coloring; Plate; Silverware

Refer from Bimetallism; Campaign literature; Coinage; Demonetization of silver (s); Finance; Free coinage of silver (s); Money; Resumption of specie payment (s); Silver; Silver question (s); Specie (s); Specie payment (s)
Refer from Mines and mineral resources; Silver

Refer from Arts and crafts; Jewelry; Metal coloring; Metal work; Plate; Silver; Silverware

Silverware

See also Hall marks; Plate; Silversmithing

Silviculture *see* Forests and forestry; Trees

Simony

Simple life

See also Country life; Leisure

Simplified spelling *see* Spelling reform

Sin

See also Absolution; Christian ethics; Confession; Crime and criminals; Depravity; Evil; Fall of man; Future punishment; Predestination; Repentance; Salvation; Temptation

Sincerity

See also Honesty; Truth

Singers

See also Musicians

Refer from Hall marks; Plate; Silver; Silversmithing

Refer from Church discipline; Church law

Refer from Conduct of life; Country life

Refer from Christian ethics; Confession; Depravity; Ethics; Evil; Fall of man; Original sin (s); Religion; Temptation; Theology; Total depravity (s)

Refer from Ethics; Honesty; Truth

Refer from Musicians; Prima donnas (s); Singing and voice culture; Vocalists (s); Women

Singing and voice culture

See also Breathing; Chanting; Choirs; Choral societies; Music; Musical accompaniment; School music; Sight reading; Singers; Songs; Tonic sol-fa; Voice

Singing societies *see* Choral societies

Single rail *see* Railroads — Single rail

Single tax

See also Land nationalization; Land tenure; Physiocrats

Refer from Breathing; Chanting; Choirs; Elocution; Music; Music — Instruction and study; Songs; Vocal culture (s); Vocal music (s); Voice; Voice culture (s)

Refer from Betterments (s); Land; Land nationalization; Land tenure; Real estate; Taxation

Refer from Debts, Public; Finance; Funds (s)

Sinking funds

Sirups *see* Syrups

Sisterhoods

See also Carmelites; Convents and nunneries; Deaconesses; Nuns; Religious orders; Sisters of charity; Ursulines

Refer from Catholic church; Charities; Church history; Church of England; Church polity; Monasticism; Nuns; Protestant Episcopal church in the U. S.; Religious orders; Women

Refer from Charities; Charity, Sisters of (s); Nuns; Nurses and nursing; Sisterhoods

Sisters of charity

Six nations *see* Iroquois Indians

Sixteenth century

See also History, Modern

Refer from Europe — History — 1492-1789; History, Modern

Skat

See also Cards

Skating

See also Roller-skating; Winter sports

Refer from Cards

Refer from Athletics; Ice; Locomotion; Sports; Winter sports

Skees and skee-running

See also Winter sports

Skeleton

See also Anatomy; Anatomy, Comparative; Bones; Skull; Spine

Skepticism

See also Agnosticism; Atheism; Deism; Free thought; Materialism; Pantheism; Rationalism

Sketching *see* Drawing; Painting

Skiagraphs *see* Radiography

Skiing *see* Skees and skee-running

Skin

See also Anatomy; Color of man; Skin grafting; Smallpox

—Diseases

See also Leprosy; Pellagra

Skin grafting

Skins *see* Hides and skins

Skipjacks

Skis *see* Skees and skee-running

Skull

See also Brain; Head; Skeleton; Trephining

Sky *see* Astronomy; Meteorology

Sky-scrapers *see* High buildings

Skylights

Skyscrapers *see* High buildings

Slag

See also Blast furnaces; Cement

Slander *see* Libel and slander

Slang

See also Americanisms; Briticisms

Slate

Slate writing *see* Spiritualism

Slaughtering and slaughterhouses

See also Meat; Meat inspection; Packing industry

Slave trade

See also Kidnapping; Slavery

Slavery

See also Africa — Colonization; Freedmen; Galleys; Indentured servants; Negroes; Peonage; Redemptioners; Serfdom; Slave trade

Slavery in the U. S.

See also Abolitionists; Free soil party; Freedmen; Fugitive slaves; Kansas — History; Kansas-Nebraska bill; Mason and Dixon's line; Missouri compromise; Negroes; Southern states; Underground railroad (slavery)

Slavic languages

See also Aryan languages; Bohemian language; Polish language; Russian language

Refer from Skiing (s); Skis (s); Sports; Winter sports

Refer from Anatomy; Anatomy, Comparative; Anthropology; Bones; Skull; Spine

Refer from Agnosticism; Atheism; Belief; Deism; Doubt (s); Faith; Free thought; Infidelity (s); Philosophy; Religion; Scepticism (s); Theology; Unbelief (s)

Refer from Absorption (physiology); Anatomy; Beauty, Personal; Dermatology (s); Pigmentation (s)

Refer from Cutaneous diseases (s); Medicine — Practice

Refer from Skin; Surgery

Refer from Boats and boating; Sailing

Refer from Bones; Craniology (s); Ethnology; Head; Skeleton

Refer from Building; Roofs; Windows

Refer from Blast furnaces; Iron; Metals; Waste products

Refer from Argot (s); Dialects; English language; Language; Manners and customs

Refer from Building stones; Rocks; Roofs

Refer from Abattoirs (s); Butchering (s); Hygiene, Public; Markets; Meat; Meat inspection; Packing industry

Refer from African slave trade (s); Kidnapping; Negroes; Slavery

Refer from Abolition of slavery (s); Anti-slavery (s); Emancipation (s); Ethics; Freedmen; Freedom (s); Government; History; Labor and laboring classes; Liberty; Negroes; Serfdom; Slave trade; Sociology

Refer from Abolition of slavery (s); Abolitionists; Free soil party; Negroes; Southern states; U. S. — History; U. S. — History — Civil war; U. S. — Slavery (s)

Refer from Aryan languages; Bohemian language; Polish language; Russian language

Slavic literature

See also Bohemian literature; Polish literature; Russian literature

Slavic mythology *see* Mythology, Slavic

Slavic race *see* Slavs

Slavonic *see* Slavic

Slavs

See also Aryans; Czechs; Ethnology — Russia; Panslavism; Poles (Polanders)

Slavs in the U. S.

See also Bohemians in the U. S.; Poles in the U. S.; Russians in the U. S.

Sleep

See also Dreams; Hypnotism; Insomnia; Nightmare; Somnambulism; Subconsciousness

Sleep-walking *see* Somnambulism

Sleeping cars

Sleeping sickness

See also Tsetse flies

Sleeplessness *see* Insomnia

Sleepwalking *see* Somnambulism

Sleight of hand *see* Conjuring

Slide rule

Slide valves *see* Valves and valve gears

Slojd *see* Manual training; Woodwork

Sloth *see* Idleness

Sloyd *see* Manual training; Woodwork

Slumber songs *see* Lullabies

Slums

See also Poor; Tenement houses

Small arms *see* Firearms

Small fruit *see* Berries; Fruit

Smallpox

See also Inoculation; Vaccination; Varioloid

Smell

See also Nose; Senses and sensation

Smelting

See also Blast furnaces; Electrometallurgy; Furnaces; Metallurgy; Ore treatment

Smoke

See also Fuel; Fumigation; Mechanical draft

Smokeless powder *see* Gunpowder

Smoking

See also Cigarettes; Cigars; Pipes, Tobacco; Tobacco; Tobacco — Physiological effects

Smuggling

Snake dance

See also Indians — Dances

Snake venom *see* Venom

Refer from Bohemian literature; Literature; Polish literature; Russian literature

Refer from Aryans; Czechs; Ethnology — Europe; Ethnology — Russia; Poles (Polanders); Slavic race (s)

Refer from Bohemians in the U. S.; Poles in the U. S.; Russians in the U. S.; U. S. — Foreign population

Refer from Brain; Dreams; Hygiene; Insomnia; Night; Physiology; Psychology; Rest; Somnambulism; Subconsciousness

Refer from Cars; Railroads — Rolling stock

Refer from Insects as carriers of contagion; Medicine — Practice; Tropics — Diseases and hygiene; Tsetse flies

Refer from Calculating machines; Carpentry; Logarithms; Mathematical instruments; Measuring instruments

Refer from Cities; Poor; Social problems; Tenement houses

Refer from Contagion and contagious diseases; Epidemics; Inoculation; Medicine — Practice; Skin; Vaccination; Variola (s); Varioloid

Refer from Nose; Odors; Senses and sensation

Refer from Furnaces; Metallurgy; Metals; Ore treatment

Refer from Air pollution; Chimneys; Combustion; Fire; Fuel; Mechanical draft; Municipal improvement; Nuisances; Sanitary chemistry; Sanitation

Refer from Cigarettes; Cigars; Pipes, Tobacco; Temperance; Tobacco; Tobacco — Physiological effects

Refer from Commerce; Crime and criminals; Tariff

Refer from Indians — Dances

Snake worship *see* Serpent worship

Snakes

See also Reptiles; Serpent worship; Venom

Snow

See also Avalanches; Ice; Meteorology

Snuff

Soap

See also Chemistry, Technical

Soap bubbles

Sobriquets *see* Nicknames; Pseudonyms

Sociables *see* Church entertainments; Entertainments

Social centers

See also Playgrounds; Social settlements

Social classes *see* Class distinction

Social compact *see* Social contract

Social conditions *see* Civilization; Social problems; Sociology; *also* names of countries and cities, subhead Social conditions

Social contract

Social democracy *see* Socialism

Social ethics

See also Christian ethics; Christian sociology; Leisure class; Political ethics; Social problems, and references under that subject; State ethics; Wealth

Social evil *see* Prostitution

Social life and customs *see* Manners and customs; Society; *also* names of countries and cities, subhead Social life and customs

Social pathology *see* Social problems

Social problems

See also Charities; Child labor; Christian sociology; Cost of living; Crime and criminals; Defectives; Divorce; Education; Eugenics; Family; Housing problem; Hygiene, Public; Immigration and emigration; Juvenile delinquency; Labor and laboring classes; Liquor problem; Marriage; Municipal government; Poor; Prostitution; Race problems; Reform; Slums; Social ethics; Social work; Socialism; Unemployed; War

Social psychology

See also Crowds; Ethnopsychology; Fashion; National characteristics; Public opinion

Social purity *see* Sexual ethics

Social reform *see* Reform; Social problems

Social science *see* Civilization; Economics; Government; Sociology

Social service *see* Social work

Social settlements

See also Boys' clubs; City missions; Friendly visiting; Mothers' clubs; Neighborhood guilds; Neighborhood improvement; Poor; Social work

Social work

See also Charities; Christian sociology; Discharged prisoners; Friendly visiting; Industrial betterment; Social centers; Social problems; Social settlements

Refer from Reptiles; Ophidia (s); Serpents (s)

Refer from Meteorology; Storms; Water

Refer from Tobacco

Refer from Chemistry, Technical; Cleaning, Manufactures

Refer from Amusements; Bubbles, Soap (s); Liquids; Physics

Refer from People's palaces (s); Recreation centers (s); Schoolhouses; Social work

Refer from Government; Law; Social compact (s); Sociology; Sovereignty

Refer from Christian ethics; Christian sociology; Ethics; Ethics, Social (s); Religion and sociology (s); Social problems; Sociology; State ethics

Refer from Christian sociology; Civilization; Ethics; Reform; Social conditions (s); Social ethics; Social pathology (s); Social reform (s); Social work; Sociology

Refer from Crowds; Ethnopsychology; Psychology; Psychology, Comparative; Psychology, Social (s); Sociology

Refer from Charities; Church settlements (s); Church work; College settlements (s); Neighborhood work (s); Philanthropy; Poor; Settlements (s); Social centers; Social work; Sociology; University settlements (s)

Refer from Charities; Christian sociology; Philanthropy; Social problems; Social service (s); Social settlements

Socialism

See also Christian socialism; Communism; Cooperation; Economic determinism; Economics; Equality; Government ownership; Individualism; Land nationalization; Paternalism; Shakers; Socialism and Catholic church; Socialism and Christianity; Utopias

—Christian, *see* Christian socialism

Socialism and Catholic church

See also Socialism and Christianity

Socialism and Christianity

See also Socialism and Catholic church

Socialistic communities *see* Communism; *also* names of communities

Socialistic utopias *see* Utopias

Socials *see* Church entertainments; Entertainments

Societies

See also Agricultural societies; Antiquarian societies; Art societies; Benefit societies; Bible societies; Botanical societies; Charitable societies; Clubs; Corporations; Educational associations; Fraternities, College; Fraternities, High school; Geographical societies; Gilds; Historical societies; Humane societies; Insignia; Labor unions; Learned societies; Literary societies; Medical societies; Missionary societies; Musical societies; Patriotic societies; Scientific societies; Secret societies; Tract societies; Typographical societies; *also* names of societies

Society [for society life, not sociology]

See also Class distinction; Conversation; Courts and courtiers; Entertaining; Etiquet; Salons; Sociology; Solitude; *also* names of countries and cities, subhead Social life and customs

—Primitive

See also Clans; Industries, Primitive; Savages; Tribes and tribal system; Village communities

Society of Friends *see* Friends, Society of

Society of Jesus *see* Jesuits

Socinianism

See also Arianism; Trinity; Unitarianism

Sociology

See also Altruism; Anarchism and anarchists; Anthropology; Caste; Charities; Children; Christian socialism; Christian sociology; Christianity; Cities; Civilization; Class distinction; Colonies and colonization; Communism; Cooperation; Crime and criminals; Crowds; Defectives; Divorce; Economics; Education; Equality; Ethics; Ethnopsychology; Eugenics; Evolution; Family; Feudalism; Gilds; Government;

Refer from Collectivism (s); Communism; Cooperation; Democracy; Economic determinism; Economics; Equality; Government; Government ownership; Individualism; Labor and laboring classes; Land nationalization; Nationalism (s); Paternalism; Property; Social democracy (s); Social problems; Sociology; State socialism (s); Utopias

Refer from Catholic church — Social relations; Catholic church and socialism (s); Church and state; Socialism; Socialism and Christianity

Refer from Christianity; Christianity and socialism (s); Church and state; Socialism; Socialism and Catholic church

Refer from Associations (s); Clubs; Sociology

Refer from Etiquet; Manners and customs; Social life and customs (s); Sociology

Refer from Anthropology; Civilization; Clans; Ethnology; Government; Industries, Primitive; Primitive society (s); Savages; Sociology; Tribes and tribal system

Refer from Arianism; Humanitarianism (theology) (s); Jesus Christ; Jesus Christ — Divinity; Theology; Trinity; Unitarianism

Refer from Anthropology; Civilization; Ethics; Government; History; Labor and laboring classes; Man; People; Science; Social conditions (s); Social science (s); Society

Sociology — Continued

Immigration and emigration; Individualism; Industry; Insurance; Labor and laboring classes; Law; Leisure class; Man; Manners and customs; Marriage; Peace; People; Poor; Population; Prisons; Progress; Property; Punishment; Race problems; Religion; Savages; Slavery; Social contract; Social ethics; Social problems; Social psychology; Social settlements; Socialism; Societies; Society; Society, Primitive; Statistics; Temperance; Theology; Utopias; War; Women; *also* names of countries and cities, subhead Social conditions

—Christian, *see* Christian sociology

Soil absorption

See also Soil moisture

Soil bacteriology

See also Bacteriology, Agricultural; Nitrication; Soil inoculation

Soil fertility

See also Fertilizers and manures; Rotation of crops

Soil inoculation

See also Nitrification; Soil bacteriology

Soil moisture

See also Agricultural physics; Drainage; Soil absorption

Soil surveys

Soiling crops *see* Feeding and feeding stuffs

Soils

See also Agricultural chemistry; Agricultural physics; Agriculture; Alkali lands; Alluvium; Bacteriology, Agricultural; Clay; Drainage; Fertilizers and manures; Irrigation; Nitrification; Soil absorption; Soil bacteriology; Soil fertility; Soil inoculation; Soil moisture; Soil surveys; Tillage

Sol-fa system *see* Tonic sol-fa

Solar eclipses *see* Eclipses

Solar engines *see* Solar motors

Solar heat *see* Sun

Solar motors

Solar parallax *see* Parallax

Solar physics *see* Astronomy; Astrophysics; Sun

Solar spectrum *see* Spectra

Solar system

See also Asteroids; Astronomy; Meteoritic hypothesis; Nebular hypothesis; Planetesimal hypothesis; Planets [and their names]; Sun

Solder and soldering

See also Alloys; Welding

Soldiers

See also Armies; Army life; Mercenary troops; Military art and science; Military biography; Pensions; Soldiers' homes; Soldiers' monuments

Refer from Absorption in soils (s); Agricultural physics; Soil moisture; Soils

Refer from Bacteriology; Bacteriology, Agricultural; Nitrification; Nitrifying bacteria (s); Soil inoculation; Soils

Refer from Agriculture; Fertility (s); Soils

Refer from Agriculture; Fertilizers and manures; Inoculation of soils (s); Legume inoculation (s); Nitrification; Soil bacteriology; Soils

Refer from Agricultural physics; Moisture of soils (s); Soil absorption; Soils; Water, Underground

Refer from Agriculture; Soils; Surveys (s)

Refer from Agricultural chemistry; Agricultural physics; Agriculture; Geology; Geology, Economic; Mold, Vegetable (s); Tillage; Vegetable mold (s)

Refer from Motors; Solar engines (s); Sun

Refer from Astronomy; Planets; Sun

Refer from Alloys; Brazing (s); Metal work; Metals; Plumbing; Welding

Refer from Armies; Army life; Military art and science; Military biography

Soldiers' homes

Soldiers' monuments

Solicitors *see* Lawyers

Solid geometry *see* Geometry

Solids

Solitaire

Solitude

See also Hermits

Soluble ferments *see* Enzymes

Solution (chemistry)

See also Boiling points; Chemistry; Chemistry, Physical; Colloids; Electrolysis; Ions; Osmosis

Somnambulism

See also Dreams; Hypnotism; Sleep

Sonatas

See also Musical form

Song of birds *see* Birds — Song

Songs

See also Anthems; Ballads; Campaign songs; Carols; Children's songs; Choruses and part songs; Church music; College songs; Drinking songs; Duets, Vocal; Folk songs; Glees; Hymns; Kindergarten — Games and songs; Lullabies; Lyric poetry; National songs; Negro songs; Sailors' songs; School music; Singing and voice culture; War songs

—**American**

See also Ballads, American; Campaign songs; Indians — Music; National songs; Negro songs; Songs, English

—**English**

See also Ballads, English; Songs, American; Songs, Irish; Songs, Scottish

—**Irish**

See also Ballads, Irish

—**Scores**

See also references under Songs

—**Scottish**

See also Ballads, Scottish

Sonnets

See also Lyric poetry

—**American**

See also American poetry; Sonnets, English

—**English**

See also English poetry; Sonnets, American

Sophists

See also Philosophy, Greek

Sorcery *see* Witchcraft

Sore throat *see* Throat

Sorghum

See also Molasses; Sugar

Refer from Homes (institutions) (s); Homes for the aged; Pensions; Soldiers

Refer from Monuments; Soldiers

Refer from Matter; Physics

Refer from Cards; Games; Patience (game) (s)

Refer from Conduct of life; Society

Refer from Chemistry; Chemistry, Physical; Fluids; Ions; Liquids; Osmosis

Refer from Dreams; Hypnotism; Medicine — Practice; Night; Psychology; Sleep; Sleepwalking (s); Sleepwalking (s)

Refer from Instrumental music; Music; Music — Scores; Musical form; Piano music; Piano music — Scores

Refer from Ballads; Carols; Folk songs; Glees; Lyric poetry; Music; Poetry; Singing and voice culture; Vocal music (s)

Refer from American poetry; American songs (s); Ballads, American; Music — U. S.; Songs, English

Refer from Ballads, English; English poetry; English songs (s); Music — England; Songs, American

Refer from Ballads, Irish; Irish poetry; Irish songs (s); Music — Ireland; Songs, English

Refer from Music — Scores

Refer from Ballads, Scottish; Music — Scotland; Scottish poetry; Scottish songs (s); Songs, English

Refer from Lyric poetry; Poetry

Refer from American literature; American poetry; American sonnets (s); Sonnets, English

Refer from English literature; English poetry; English sonnets (s); Sonnets, American

Refer from Philosophy; Philosophy, Greek

Refer from Forage plants; Molasses; Sugar

Soteriology *see* Salvation
Soubriquets *see* Nicknames; Pseudonyms

Soul

See also Animal intelligence; Animism;
Future life; Personality; Preëxistence; Psy-
chology; Spiritual life; Transmigration

Sound

See also Acoustics of buildings; Ear; Hear-
ing; Music; Noise; Phonetics; Phonograph;
Physics; Radiation; Telephone; Voice

Sounding and soundings

Soup

See also Cookery

South (U. S.) *see* Southern states

South African war, 1899-1902

See also Jameson's raid, 1895-1896;
Transvaal

South pole

See also Antarctic regions

Southern states

See also Confederate States of America;
Creoles; Ku-Klux Klan; Mountaineers of
the South; Negroes; Reconstruction; Slav-
ery in the U. S.; Southwestern states; U. S.
— History — Civil war; *also* names of states
Southwest (U. S.) *see* Southwestern states

Southwestern states

See also Santa Fé trail; Western states;
also names of states

Sovereigns *see* Caliphs; Emperors; Kings and
rulers; Monarchy; Queens and empresses

Sovereignty

See also Constitutional law; Government;
Social contract; State rights

Space

See also Ether (of space); Fourth dimen-
sion; Space perception

Space perception

See also Perception; Senses and sensation

Space telegraphy *see* Wireless telegraphy

Spain — History

— To 1479

See also Moors in Spain

— 1479-1700

See also Armada, 1588; Reformation —
Spain

— 1700-

See also Austrian succession, War of;
Carlists; Peninsular war, 1807-1814;
Spanish succession, War of; U. S. —
History — War with Spain

Spanish America *see* Latin America

Spanish-American war, 1898, *see* U. S. — His-
tory — War with Spain

Spanish armada *see* Armada, 1588

Spanish inquisition *see* Inquisition

Spanish language [subdivided like German
language]

See also Romance languages

Refer from Animism; Dualism; Ethics;
Future life; Man; Materialism; Metaphysics;
Personality; Philosophy; Preëxistence; Psy-
chology; Salvation; Spirit (s); Theology; Trans-
migration

Refer from Acoustics (s); Ear; Music;
Noise; Physics; Radiation; Senses and sensa-
tion; Vibration; Voice; Waves

Refer from Deep-sea sounding (s); Hydrog-
raphy; Navigation; Ocean

Refer from Cookery

Refer from Anglo-Boer war (s); Boer war,
1899-1902 (s); Boers; Concentration camps;
England — History — Victorian period; Eng-
land — History — 1901-; Transvaal

Refer from Antarctic regions; Earth; Polar
regions (s)

Refer from Negroes; Reconstruction; Slavery
in the U. S.; South (U. S.) (s)

Refer from Southern states; Southwest
(U. S.) (s); Western states

Refer from Constitutional law; Government;
International law; Law

Refer from Astronomy; Metaphysics; Philo-
sophy

Refer from Perception; Psychology, Physi-
ological; Senses and sensation; Space

Refer from Moors in Spain

Refer from Armada, 1588; Reformation —
Spain

Refer from Austrian succession, War of;
Carlists; Peninsular war, 1807-1814; Spanish
succession, War of

Refer from Romance languages

Spanish literature

See also Authors, Spanish; Romance literature; Spanish poetry

Spanish poetry

See also Poets, Spanish; Spanish literature

Spanish succession, War of, 1701-1714

See also Europe — History — 1492-1789; Queen Anne's war; Spain — History — 1700-

Refer from Authors, Spanish; Romance literature; Spanish poetry

Refer from Poets, Spanish; Spanish literature

Refer from England — History — Stuarts; Europe — History — 1492-1789; France — History — Bourbons; Germany — History — 1517-1740; Spain — History — 1700-; War of the Spanish succession (s)

Sparring *see* Boxing

Sparrows

See also Birds

Spas *see* Health resorts

Speakers *see* Orators; Recitations and readings

Speaking *see* Elocution; Oratory; Preaching; Rhetoric; Speech; Voice

Spear throwers *see* Throwing sticks

Specie *see* Gold (as money); Money; Silver (as money)

Specie payment *see* Money — U. S.; Silver (as money)

Species

See also Evolution; Hybridization; Natural selection; Plant breeding; Variation (biology)

Refer from Birds

Refer from Biology; Evolution; Heredity; Natural selection; Origin of species (s); Transmutation of species (s); Variation (biology); Zoology

Specific gravity

See also Gravitation; Hydrometer; Weights and measures

Specifications (building) *see* Building — Contracts and specifications

Spectacles

See also Eye; Lenses

Refer from Density (s); Gravitation; Hydrostatics; Matter; Weights and measures

Specters *see* Apparitions; Ghosts

Spectra

See also Light; Radioactivity; Spectroscopy; Spectrum analysis

Refer from Absorption spectra (s); Astronomy; Light; Radiation; Solar spectrum (s); Spectrum (s); Spectrum analysis; Stars; Sun

Spectres *see* Apparitions; Ghosts

Spectroscope

See also Spectrum analysis

Refer from Astronomical instruments; Optical instruments; Spectra; Spectrum analysis

Spectroscopy *see* Spectrum analysis

Spectrum *see* Spectra; Spectrum analysis

Spectrum analysis

See also Spectra; Spectroscope

Refer from Analysis, Spectrum (s); Astronomy; Astrophysics; Chemistry; Light; Spectra; Spectroscope; Spectroscopy (s); Spectrum (s); Sun

Speculation

See also Credit; Investments; Panics; Stock exchange; Stocks; Wall street

Refer from Bucket shops (s); Commerce; Corners, Commercial (s); Economics; Finance; Investments; Panics; Stock exchange; Wall street

Speech

See also Animals — Language; Aphasia; Conversation; Deaf and dumb; Elocution; Language; Liberty of speech; Lip reading; Stammering; Voice

Speech of animals *see* Animals — Language

Speeches *see* After-dinner speeches; Orations; Oratory

Refer from Language; Phonetics; Speaking (s); Voice

Speed

See also Velocity

Speleology *see* Caves

Spellers

See also Primers; Spelling

Spelling

See also Spellers; Spelling, English; Spelling reform; Transliteration; *also* names of languages other than English, e.g. German language — Spelling

—English

See also Spelling reform

Spelling reform

Spherical astronomy *see* Astronomy, Spherical and practical

Spherical trigonometry *see* Trigonometry

Sphragistics *see* Seals (numismatics)

Sphygmograph**Spices**

See also Condiments; Essences and essential oils; *also* names of spices

Spiders

See also Arachnida

Spies

Spikes *see* Nails and spikes

Spinal meningitis *see* Meningitis

Spine

See also Meningitis; Nervous system; Skeleton

Spinet *see* Piano

Spinning

See also Textile industry and fabrics; Yarn

Spinsters

Spiral gearing *see* Gearing

Spires

See also Church architecture; Towers

Spirit *see* Holy Spirit; Soul

Spiritism *see* Spiritualism

Spirits *see* Apparitions; Demonology; Ghosts; Spiritualism; Witchcraft

Spiritual life

See also Christian life and character; New thought; Sanctification

Spiritualism

See also Apparitions; Clairvoyance; Mind reading; Psychical research

Spirituous liquors *see* Liquors

Splashes

Splicing *see* Knots and splices

Spoils system *see* Civil service

Sponges

See also Invertebrates

Refer from Aeronautics; Animal locomotion; Automobiles; High speed (s); Railroads; Velocity

Refer from Spelling; Textbooks

Refer from Language; Orthography (s); Phonetics; Spellers; Words

Refer from English language; English language — Orthography (s); English language — Spelling (s); English spelling (s); Spelling — *Refer from* Phonetic spelling (s); Simplified spelling (s); Spelling; Spelling, English

Refer from Blood; Diagnosis; Heart

Refer from Agricultural products; Agriculture — Tropics; Condiments

Refer from Arachnida

Refer from Military art and science; Spying (s)

Refer from Backbone (s); Bones; Nervous system; Skeleton; Vertebral column (s)

Refer from Textile industry and fabrics; Yarn

Refer from Celibacy; Old maids (s); Women

Refer from Architecture; Church architecture; Steeples (s); Towers

Refer from Christian life and character; Conduct of life; Ethics; Life; Personal religion (s); Religion; Religion, Personal (s); Religious experience (s); Soul

Refer from Animism; Apparitions; Future life; Ghosts; Mediums (s); Miracles; Occult sciences; Philosophy; Psychical research; Religions; Slate writing (s); Spiritism (s); Spirits (s); Supernatural; Superstition; Table-moving (s); Theology

Refer from Capillarity; Liquids; Viscosity

Refer from Invertebrates; Marine zoology; Porifera (s)

Spontaneous combustion *see* Combustion

Spontaneous generation

See also Reproduction

Sports

See also Acrobats; Aeronautics; Amusements; Aquatic sports; Archery; Athletics; Automobile racing; Betting; Boats and boating; Boxing; Bullfights; Camping; Canoes and canoeing; Coasting; College athletics; Coursing; Cycling; Driving; Falconry; Fencing; Fishing; Gambling; Games, and names of games; Gymnastics; Horse racing; Horsemanship; Hunting; Ice boats; Jiu-jitsu; Kites; Land yachts; Mountaineering; Olympic games; Outdoor life; Physical education; Roller-skating; Rowing; Running; Sailing; Shooting; Skating; Skees and skee-running; Swimming; Tobogganing; Tournaments; Track athletics; Training; Trapping; Walking; Winter sports; Wrestling; Yachts and yachting

Spraying

See also Bordeaux mixture; Fruit—Diseases and pests; Fungicides; Insecticides

Spring

See also Seasons

Springs

See also Geysers and hot springs; Mineral waters; Sulphur springs; Water, Underground; Wells

Spying *see* Spies

Squabs *see* Pigeons

Square (instrument)

Squares, Magic, *see* Magic squares

Squaring of the circle *see* Circle-squaring

Stables *see* Barns and stables

Stacks (for books) *see* Shelving (for books)

Stage *see* Acting; Drama; Theater; Vaudeville

Stage-coaches *see* Coaches and coaching

Stage make-up *see* Make-up, Theatrical

Stained glass

See also Glass, Ornamental

Stains and staining

See also Graining; Wood finishing

Stair building

See also Railings

Stairs *see* Stair building

Stairways *see* Stair building

Stammering

Stamp act, 1765

See also U. S.—History—Revolution—Causes

Refer from Abiogenesis (s); Archegony (s); Biology; Generation, Spontaneous (s); Life—Origin; Reproduction

Refer from Adventure; Amusements; Aquatic sports; Athletics; Country life; Field sports (s); Games; Hunting; Manly exercise (s); Outdoor life; Pastimes (s); Physical education; Play; Recreation (s); Shooting; Winter sports

Refer from Bordeaux mixture; Fruit—Diseases and pests; Fruit culture; Fungicides; Gardening; Insecticides; Insects, Injurious and beneficial; Plants—Diseases; Trees—Diseases and pests

Refer from Seasons

Refer from Fountains; Geysers and hot springs; Physical geography; Water; Water, Underground; Wells

Refer from Carpenters' square (s); Carpentry; Measuring instruments; Steel square (s); Tools

Refer from Art; Decoration and ornament; Glass; Glass, Ornamental; Glass painting (s); Painted glass (s); Painting; Windows

Refer from Graining; Painting, Mechanical; Wood finishing; Woodwork

Refer from Architecture; Building; Carpentry; Stairs (s); Stairways (s)

Refer from Speech; Stuttering (s); Voice

Refer from Stamp duties; U. S.—History—Colonial period; U. S.—History—Revolution—Causes

Stamp duties

See also Stamp act, 1765

Stamps *see* Postage stamps

Standard of living

See also Cost of living; Extravagance; Luxury; Thrift; Wages

Standard of value *see* Money; Value

Standard time *see* Time

Standards *see* Flags; Standards of length; Units; Weights and measures

Standards of length

Standing army *see* Armies

Star atlases *see* Astronomy — Atlases

Stars

See also Asteroids; Astrology; Astronomy; Astronomy — Atlases; Astrophysics; Meteors; Milky way; Parallax; Planets; Planispheres; Spectra; Zodiac

Starvation

See also Famines

State, The, *see* Government

State and education *see* Education and state

State banks *see* Banks and banking — U. S.

State church *see* Church and state; Church of England — Establishment

State constitutions *see* Constitutions, State

State debts *see* Debts, Public

State ethics

See also Political ethics; Social ethics

State fairs *see* Agricultural exhibitions

State governments

See also Constitutions, State; Local government; *also* names of states

State ownership *see* Government ownership

State publications *see* Government publications, and names of states, subhead Government publications

State regulation of industry *see* Government regulation of industry

State rights

See also Kentucky and Virginia resolutions, 1798; Nationalism, New; Nullification; Secession; States (U. S.)

State socialism *see* Socialism

State trials *see* Trials

States (U. S.)

See also Constitutions, State; State governments; State rights

States rights *see* State rights

Statesmanship *see* Diplomacy; Government

Statesmen

See also Diplomats; Governors; Ministers of state; Prime ministers; Senators

Static electricity *see* Electrostatics

Statics

See also Dynamics; Elasticity; Electrostatics; Graphic statics; Hydrostatics; Mechanics

Refer from Commerce; Internal revenue (s); Taxation

Refer from Conduct of life; Cost of living; Economics; Ethics; Home economics; Labor and laboring classes; Life; Living, Standard of (s); Luxury; Poor; Prices; Thrift; Wages

Refer from Length, Standards of (s); Standards (s); Weights and measures

Refer from Astronomy; Astrophysics; Constellations (s); Double stars (s); Sidereal system (s)

Refer from Diet; Famines; Fasting

Refer from Ethics; Ethics, National (s); Ethics, State (s); International law; International relations; National ethics (s); Social ethics

Refer from Constitutions, State; Federal government; Government; States (U. S.)

Refer from Federal government; Government; Government regulation of industry; Nullification; Secession; Sovereignty; States (U. S.); States rights (s); U. S.— Constitution

Refer from State rights; U. S.— States (s)

Refer from Biography; Government

Refer from Dynamics; Engineering; Equilibrium (s); Mechanics; Physics

Stationery

See also Ink; Paper

Stations, Railroad, *see* Railroads — Stations

Statistics

See also Almanacs; Census; Church statistics; Population; Probabilities; Tabulating machines; Vital statistics; Yearbooks. For statistics of a special subject, country or place *see* its name

Statues

See also Monuments; Plaster casts; Sculpture

Statute of limitations *see* Limitations (law)

Statutes *see* names of countries and states

Staves *see* Cooperage

Stealing *see* Embezzlement; Larceny

Steam

See also Boilers; Condensers (steam); Steam engines; Steam heating; Steam launches; Steam navigation; Steam pipes; Steam turbines; Steamboats; Thermodynamics

Steam boilers *see* Boilers; Steam engines

Steam engines

See also Boilers; Calorimeters and calorimetry; Condensers (steam); Fire engines; Heat; Indicators for steam engines; Injectors; Link motion; Locomotives; Marine engines; Power plants, Steam; Railroads; Safety valves; Steam; Steam navigation; Steam turbines; Steamboats; Traction engines; Valves and valve gears

Steam fitting *see* Pipe fitting; Steam pipes

Steam heating

See also Heating; Hot water heating; Steam pipes

Steam injectors *see* Injectors

Steam launches**Steam navigation**

See also Boilers, Marine; Marine engineering; Marine engines; Navigation; Steam engines; Steam turbines; Steamboats

Steam pipes

See also Pipe fitting; Steam heating

Steam plants *see* Power plants, Steam

Steam power plants *see* Power plants, Steam

Steam pumps *see* Pumps

Steam turbines

Steam yachts *see* Yachts and yachting

Steamboat inspection**Steamboats**

See also Boilers, Marine; Bulkheads; Fire boats; Marine engines; Ocean travel; Propellers; Shipbuilding; Shipping; Steam launches; Steam navigation; Steamboat inspection; Steerage; Warships; Yachts and yachting

Steamers *see* Steamboats

Steamships *see* Steamboats

Refer from Manufactures; Paper

Refer from Census; Commerce; Economics; Government; History; Population; Sociology

Refer from Iconography (s); Monuments; Plaster casts; Sculpture

Refer from Boilers; Heat; Physics; Power; Steam engines; Thermodynamics; Vapor (s); Water

Refer from Boilers; Condensers (steam); Engineering; Engines; Heat engines; Indicators for steam engines; Locomotives; Machinery; Marine engines; Mechanical engineering; Mechanics; Motors; Power plants, Steam; Railroads; Safety valves; Steam; Steam boilers (s); Steam navigation; Thermodynamics; Valves and valve gears

Refer from Heating; Steam; Steam pipes

Refer from Boats and boating; Launches (s); Steam; Steamboats

Refer from Commerce; Inland navigation; Marine engineering; Navigation; Ships; Steam; Steam engines; Steamboats; Transportation

Refer from Pipe; Pipe fitting; Pipes (s); Steam; Steam fitting (s); Steam heating

Refer from Marine engineering; Marine engines; Steam; Steam engines; Steam navigation; Turbines

Refer from Inspection of steamboats (s); Maritime law; Steamboats

Refer from Navigation; Ocean travel; Propellers; Shipbuilding; Shipping; Ships; Steam; Steam engines; Steam navigation; Steamers (s); Steamships (s); Transportation; Vessels (s)

Steel

See also Annealing; Armor plate; Bessemer process; Corrosion and anti-corrosives; Foundry work; Iron; Metallography; Metals; Nickel steel; Rails; Steel construction; Steel industry; Tool steel; Tubes

Steel construction

See also Bridges; Building; Concrete, Reinforced; Concrete construction; Corrosion and anti-corrosives; Girders; Graphic statics; High buildings; Roofs; Strains and stresses; Strength of materials
Steel engraving *see* Engraving

Steel industry

See also Iron industry; Rolling mills

Steel rails *see* Rails

Steel square *see* Square (instrument)

Steel ties *see* Railroads — Ties

Steel works *see* Steel industry

Steeplechasing *see* Horse racing

Steeple *see* Spires

Steerage

Stellar parallax *see* Parallax

Stencil work

Stencilling *see* Stencil work

Stenography *see* Shorthand

Steppes

Stereochemistry

See also Atoms; Chemistry, Physical; Isomerism

Stereography *see* Geometry

Stereopticon

See also Lantern slides

Stereoscope

Stereotomy

See also Stonecutting

Stereotyping

See also Electrotyping; Printing

Stimulants

See also Alcohol; Beverages; Coffee; Liquors; Tea; Temperance

Stipple engraving

See also Engraving

Stitches *see* Embroidery; Needlework

Stock breeding *see* Breeding; Live stock

Stock companies *see* Corporations; Joint-stock companies

Stock exchange

See also Banks and banking; Brokers and factors; Money; Panics; Speculation; Stocks; Wall street

Stock farming *see* Live stock

Stock raising *see* Live stock

Stockings *see* Hosiery

Refer from Annealing; Bessemer process; Building materials; Iron; Metallography; Metals

Refer from Architecture; Building; Civil engineering; Fireproof construction; Girders; Graphic statics; High buildings; Roofs; Steel

Refer from Iron industry; Manufactures; Rolling mills; Steel; Steel works (s)

Refer from Ocean travel; Steamboats

Refer from Arts and crafts; Decoration and ornament; Design, Decorative; Frescoes; Painting; Stencilling (s)

Refer from Physical geography; Plains

Refer from Atoms; Chemistry; Chemistry, Physical; Isomerism; Molecules; Polarization (light); Sugar

Refer from Lantern slides; Magic lantern (s); Optical instruments; Photography

Refer from Optical instruments

Refer from Geometry, Descriptive; Masonry; Stonecutting

Refer from Electrotyping; Printing

Refer from Beverages; Diet; Drugs; Food; Hygiene; Intoxicants (s); Medicine; Temperance; Therapeutics

Refer from Engraving; Etching

Refer from Arbitrage (s); Banks and banking; Brokers and factors; Business; Commerce; Corners, Commercial (s); Economics; Exchange; Finance; Money; Speculation; Stocks; Wall street

Stocks

See also Bonds; Corporations; Investments; Joint-stock companies; Securities; Stock exchange; Wall street

Stoics

See also Philosophy, Greek

Stomach

See also Digestion; Digestive system

Stone

See also Blasting; Building stones; Granite; Marble; Masonry; Precious stones; Quarries and quarrying; Rocks; Sandstone; Stone age; Stone implements; Stonecutting

—Artificial

See also Concrete

—Philosopher's, *see* Philosopher's stone

Stone age

See also Archaeology; Man — Origin and antiquity; Picts; Stone implements

Stone-cutting *see* Stonecutting

Stone implements

See also Indians — Implements and weapons; Industries, Primitive; Stone age

Stone quarries *see* Quarries and quarrying

Stonecutting

See also Building stones; Sculpture; Stereotomy

Stones *see* Stone; Building stones; Precious stones

Stoneware *see* Pottery

Storage batteries

See also Electric batteries

Stores *see* Business; Department stores

Stories *see* Children's literature; Fairy tales; Fiction; Kindergarten — Stories; Legends; Romances; Short stories; Story-telling

Storms

See also Cyclones; Hail; Hurricanes; Insurance, Casualty; Meteorology; Rain; Snow; Thunderstorms; Tornadoes; Winds

Story-telling**Stoves**

See also Aladdin oven; Fireless cookers; Heating; Ovens

Strains and stresses

See also Arches; Bridges; Building; Elasticity; Girders; Graphic statics; Mechanics, Applied; Roofs; Strength of materials; Trusses

Strategy *see* Military art and science; Naval art and science

Stratigraphy *see* Geology, Stratigraphic

Strawberries

See also Berries

Refer from Banks and banking; Bonds; Commerce; Corporations; Dividends (s); Economics; Exchange; Finance; Investments; Joint-stock companies; Negotiable instruments; Securities; Speculation; Stock exchange

Refer from Ethics; Materialism; Philosophy; Philosophy, Greek

Refer from Abdomen; Digestion; Digestive system

Refer from Building materials; Building stones; Geology; Geology, Economic; Masonry; Mineralogy; Quarries and quarrying; Rocks; Stones (s)

Refer from Artificial stone (s); Building materials; Concrete

Refer from Archaeology; Eolithic period (s); Man — Origin and antiquity; Neolithic period (s); Paleolithic period (s); Stone; Stone implements

Refer from Archaeology; Flint implements (s); Implements, utensils, etc.; Indians — Implements and weapons; Industries, Primitive; Stone; Stone age; Tools

Refer from Building stones; Masonry; Stereotomy; Stone; Stone-cutting (s)

Refer from Accumulators (s); Batteries (electric) (s); Electric batteries; Secondary batteries (s)

Refer from Blizzards (s); Cyclones; Disasters; Gales (s); Hurricanes; Meteorology; Thunderstorms; Tornadoes; Weather; Whirlwinds (s); Winds

Refer from Kindergarten; Stories (s); Teaching

Refer from Heating; Iron industry; Ovens

Refer from Architecture; Arches; Bridges; Building; Elasticity; Girders; Graphic statics; Mechanics, Applied; Roofs; Steel construction; Strength of materials; Stresses (s); Trusses

Refer from Berries

Streams *see* Rivers

Street cars *see* Cars; Street railroads

Street cleaning

See also Refuse and refuse disposal

Street cries

See also Peddlers and peddling

Street lighting *see* Lighting

Street railroads

See also Cable railroads; Electric railroads; Elevated railroads; Rapid transit; Subways; Suspended railways; *also* names of cities, subhead Street railroads

Streets

See also Asphalt; Pavements; Roads; Sidewalks; Street cleaning; *also* names of cities, subhead Streets

Strength of materials

See also Architecture; Building; Building materials; Elasticity; Girders; Graphic statics; Masonry; Strains and stresses; Trusses; *also* names of materials

Stresses *see* Strains and stresses

Strikes and lockouts

See also Arbitration and conciliation, Industrial; Blacklisting; Boycott; Labor and laboring classes; Labor unions; Open and closed shop; Riots; *also* special strikes, e.g. Anthracite coal strike, 1902

String figures

Stringed instruments

See also Guitar; Harp; Harpsichord; Musical instruments; Piano; Violin; Violoncello

Structural botany *see* Botany, Structural

Stucco

See also Cement; Gesso; Plaster and plastering

Student life

See also Class day; College athletics; College stories; Colleges and universities; Fraternities, College; Hazing; School stories; Students

Student self-government *see* Self-government (in education)

Student songs *see* College songs

Student volunteer movement

Students

See also Colleges and universities; Education; Student life; Student volunteer movement; Students' periodicals

Students' periodicals

See also Amateur journalism

Refer from Cities; Cleaning; Hygiene, Public; Municipal engineering; Refuse and refuse disposal; Roads; Sanitary engineering; Streets; Sweeping

Refer from Advertising; Cities; Cries (s); Peddlers and peddling

Refer from Electric railroads; Horse railroads (s); Public service corporations; Railroads; Rapid transit; Roads; Street cars (s); Tramways (s); Transportation

Refer from Cities; Civil engineering; Highways (s); Municipal engineering; Municipal improvement; Pavements; Roads; Thoroughfares (s)

Refer from Architecture; Building; Building materials; Civil engineering; Columns; Elasticity; Engineering; Graphic statics; Masonry; Materials, Strength of (s); Mechanics; Metals; Resistance of materials (s); Steel construction; Strains and stresses; Testing (s); Timber; Trusses

Refer from Arbitration and conciliation, Industrial; Boycott; Economics; Labor and capital; Labor and laboring classes; Labor unions; Lockouts (s); Riots

Refer from Amusements; Cat's cradle (s); Games

Refer from Bow (music) (s); Bowed instruments (s); Guitar; Harp; Musical instruments; Orchestras; Violin; Violoncello

Refer from Building materials; Cement; Decoration and ornament; Mural painting and decoration; Plaster and plastering

Refer from College life (s); College students (s); Colleges and universities; Hazing; School life (s); Students

Refer from Colleges and universities; Missionaries; Missions; Missions, Foreign; Students

Refer from College students (s); Colleges and universities; Education; Literary men (s); Student life

Refer from Amateur journalism; College periodicals (s); Colleges and universities; Journalism; Periodicals; Students

Study

See also Education; Research; Scholars; Scientific research; Self-culture; Seminary method; Study clubs; *also* subhead Study and teaching under various subjects

Study clubs

See also Literary societies

Stuttering *see* Stammering

Style (in dress) *see* Costume; Fashion

Style, Literary, *see* Rhetoric

Subconsciousness

See also Faith cure; Hypnotism; Personality; Sleep

Sublime

See also Esthetics

Submarine boats

See also Submarine warfare; Torpedo boats

Submarine cables *see* Cables, Submarine

Submarine mines *see* Mines, Submarine

Submarine navigation *see* Submarine boats

Submarine telegraph *see* Cables, Submarine

Submarine warfare

See also Mines, Submarine; Submarine boats; Torpedo boats; Torpedoes

Subsidies

See also Bounties

Subsoiling *see* Tillage

Subterranean water *see* Water, Underground

Suburban houses *see* Architecture, Domestic;

Country houses

Subways

See also Rapid transit; Tunnels

Success

See also Ambition; Business; Conduct of life; Fame; Leadership; Occupations; Opportunity; Popularity; Profession, Choice of; Thrift

Succession *see* Inheritance

Suffering

See also Affliction; Consolation; Pain

Suffrage

See also Ballot; Citizenship; Election laws; Elections; Naturalization; Negro suffrage; Representative government and representation; Woman suffrage

Suffragettes *see* Woman suffrage

Sufism *see* Sufism

Sufism

See also Mohammedanism

Sugar

See also Beets and beet sugar; Chemistry, Technical; Confectionery; Glucose; Molasses; Sorghum; Stereochemistry; Syrups

Refer from Education; School children; Self-culture; Teaching

Refer from Clubs; Courses of study (s); Literary societies; Self-culture; Study; Women's clubs

Refer from Consciousness; Habit; Hypnotism; Mind and body; Psychical research; Psychology; Sleep; Suggestion

Refer from Esthetics

Refer from Boats and boating; Naval art and science; Navigation; Shipbuilding; Ships; Submarine navigation (s); Submarine warfare; Torpedo boats; Warships

Refer from Naval art and science; Submarine boats

Refer from Bounties; Commerce; Ship subsidies (s); Shipping; Shipping subsidies (s); Transportation

Refer from Civil engineering; Engineering; Railroads; Railroads, Underground (s); Rapid transit; Street railroads; Tunnels; Underground roads (s)

Refer from Business; Commerce; Conduct of life; Ethics; Fortune (s); Luck (s); Opportunity; Self-help (s); Self-made men (s); Wealth; Young men

Refer from Pain

Refer from Ballot; Constitutional law; Democracy; Disfranchisement (s); Election laws; Elections; Elective franchise (s); Franchise (s); Government; Politics; Representative government and representation; Universal suffrage (s); Voting (s)

Refer from Mohammedanism; Mysticism; Sufism (s)

Refer from Agricultural products; Agriculture — Tropics; Beets and beet sugar; Chemistry, Technical; Food; Sorghum

Sugar beet *see* Beets and beet sugar

Suggestion

See also Animal magnetism; Hypnotism; Mental healing; Mental hygiene; New thought; Subconsciousness; Suggestive therapeutics; Thought transference

Suggestive therapeutics

See also Christian science; Emmanuel movement; Faith cure; Hypnotism; Mental healing

Suicide

Suits at law *see* Actions at law

Sullivan's expedition, 1779

See also U. S. — History — Revolution

Sulphur

See also Geology, Economic; Sulphur springs

Sulphur springs

See also Mineral waters

Summer

See also Seasons

Summer cottages *see* Cottages; *also* Architecture, Domestic; Country houses

Summer resorts

See also Health resorts

Summer schools

See also Teachers' institutes; Vacation schools

Sumptuary laws

Sun

See also Astronomy; Astrophysics; Eclipses; Parallax; Solar motors; Solar system; Spectra; Spectrum analysis; Sun spots

Sun dance

See also Indians — Dances

Sun-dials *see* Sundials

Sun spots

Sun worship

See also Sun dance

Sunday

See also Church attendance

Sunday school entertainments

See also Christmas entertainments; Church entertainments

Sunday school lessons

See also Bible — Question books; Bible — Study and teaching

Sunday school libraries

Sunday schools

See also Bible — Study and teaching; Religious education; Sunday school entertainments; Sunday school lessons; Sunday school libraries

Sundials

Sunstroke *see* Heatstroke

Refer from Animal magnetism; Autosuggestion (s); Hypnotism; Mental suggestion (s); Mind and body; Psychical research; Psychology

Refer from Faith cure; Hypnotism; Mental healing; Psychotherapy (s); Suggestion; Therapeutics

Refer from Crime and criminals; Death; Ethics; Insanity; Medical jurisprudence; Mental diseases; Murder

Refer from Iroquois Indians; U. S. — History — Revolution — Campaigns and battles

Refer from Chemical elements; Geology, Economic; Mines and mineral resources

Refer from Mineral waters; Springs; Sulphur

Refer from Seasons

Refer from Health resorts; Resorts (s); Vacations; Watering places (s)

Refer from Education; Schools; Vacation schools

Refer from Clothing; Economics; Extravagance; Law; Luxury

Refer from Astronomy; Astrophysics; Eclipses; Heat; Light; Solar heat (s); Solar physics (s); Solar system

Refer from Indians — Dances; Sun worship

Refer from Meteorology; Sun

Refer from Nature worship; Worship

Refer from Church work; Church polity; Ethics; Fasts and feasts; Religion; Sabbath (s); Theology

Refer from Church entertainments; Entertainments; Sunday schools

Refer from Bible — Study and teaching; Sunday schools

Refer from Children's literature; Libraries; Libraries, Sunday school (s); Sunday schools

Refer from Bible — Study and teaching; Bible classes (s); Children; Church work; Education; Religious education; Schools

Refer from Archaeology; Dialing (s); Dials (s); Gnomonics (s); Sun-dials (s); Timekeepers

Superintendents, School, *see* School superintendents and principals

Supernatural

See also Apparitions; Inspiration; Miracles; Psychical research; Religion; Spiritualism; Superstition; Theology

Superstition

See also Alchemy; Amulets; Apparitions; Astrology; Charms; Demonology; Devil; Divination; Dreams; Evil eye; Fairies; Fetishism; Folklore; Fortune telling; Ghosts; Halloween; Legends; Magic; Mythology; Occult sciences; Omens; Oracles; Palmistry; Relics; Religions; Second sight; Spiritualism; Supernatural; Totems and totemism; Vampires; Voodooism; Weather lore; Werewolves; Witchcraft

Supply and demand

See also Competition; Consumption (economics); Economics; Exchange; Prices; Value

Suppuration

See also Abscess; Inflammation; Ulcers

Supremacy of the pope *see* Popes — Authority and supremacy

Sureties *see* Guaranties and sureties

Surfaces

Surgeons *see* Physicians and surgeons

Surgery

See also Accidents; Amputation; Anatomy; Anesthetics; Antiseptics; Appendicitis; Autopsy; Bandages and bandaging; Bloodletting; Bones; Deformities; Dentistry; Diagnosis; Dislocations; Dissection; First aid in illness and injury; Fractures; Medicine; Physicians and surgeons; Skin grafting; Surgery, Military; Surgery, Naval; Surgical instruments; Trephining; Tumors; Vivisection; Wounds

—Military

See also Ambulances; Battlefield relief; First aid in illness and injury; Surgery, Naval; Wounds

—Naval

See also Wounds

Surgical instruments

Surnames *see* Names, Personal

Surrogate law *see* Probate law and practice

Surveying

See also Altitudes; Civil engineering; Engineering; Geodesy; Geography, Mathematical; Hydrography; Logarithms; Mine surveying; Photographic surveying; Railroad engineering; Surveying instruments; Topographical drawing; Traverse tables; Trigonometry

Surveying instruments

See also Barometer; Compass; Micrometer; Planimeter; Sextant; Transit (instrument)

Refer from Miracles; Philosophy; Religion; Superstition

Refer from Delusions (s); Demonology; Divination; Errors, Popular; Evil eye; Folklore; Ghosts; Idolatry; Mythology; Religion; Supernatural; Witchcraft

Refer from Competition; Consumption (economics); Demand and supply (s); Economics; Exchange; Law of supply and demand (s); Prices; Tariff question; Value

Refer from Abscess; Inflammation; Pathology; Pus (s); Ulcers

Refer from Curved surfaces (s); Geometry; Geometry, Analytic

Refer from Accidents; Amputation; Anatomy; Bandages and bandaging; Dislocations; Fractures; Medicine; Medicine — Practice; Operations, Surgical (s); Wounds

Refer from Battlefield relief; Medicine, Military; Military hygiene; Military surgery (s); Surgery

Refer from Naval surgery (s); Surgery; Surgery, Military

Refer from Instruments; Surgery

Refer from Civil engineering; Engineering; Geodetic surveying (s); Geodesy; Geography; Geography, Mathematical; Land; Land surveying (s); Leveling (s); Logarithms; Mathematics; Mensuration; Railroad engineering; Railroads; Topographical surveying (s); Topography (s); Traverse tables; Triangulation (s); Trigonometry

Refer from Instruments; Mathematical instruments; Sextant; Surveying; Transit (instrument)

Surveys *see* Geological surveys; Soil surveys;
also names of countries and states, subhead
Surveys

Survival of the fittest *see* Natural selection

Survivorship

Suspended animation

See also Burial, Premature; Drowning

Suspended railways

See also Cableways; Telferage

Suspended sentence *see* Probation system

Suspension bridges *see* Bridges

Svastika *see* Swastika

Swamps *see* Marshes

Swastika

Swearing

See also Oaths

Sweating system

See also Child labor; Consumers' leagues;
Home labor; Women — Employment

Swedenborgianism *see* New Jerusalem church
Swedes in the U. S.

See also Scandinavians in the U. S.

Swedish language

See also Scandinavian languages

Swedish literature

See also Authors, Swedish; Scandinavian
literature

Swedish movement cure

See also Gymnastics, Medical; Mechano-
therapy

Sweeping

See also Brooms and brushes; Chimney
sweeping; Street cleaning; Vacuum cleaning
systems

Swimming

See also Aquatic sports; Baths and bath-
ing; Diving

Swindlers and swindling

See also Antiques, Forged; Art forgeries;
Fraud; Quacks and quackery

Swine

See also Feeding and feeding stuffs; Live
stock; Ungulata; Veterinary medicine

Switchboards

Switches, Railroad, *see* Railroads — Switches

Swords

See also Arms and armor; Fencing

Refer from Inheritance; Law; Medical
jurisprudence

Refer from Animation, Suspended (s);
Death, Apparent (s); Drowning; Medicine —
Practice

Refer from Cableways; Electric railroads;
Monorailways (s); Mountain railroads; Rail-
roads; Railroads — Single rail; Railroads,
Suspended (s); Street railroads

Refer from Charms; Cross; Fylfot (s);
Svastika (s); Symbolism

Refer from Ethics; Oaths; Profanity (s)

Refer from Child labor; Clothing; Consumers'
leagues; Home labor; Hours of labor; Labor
and laboring classes; Manufactures; Poor;
Wages; Women — Employment

Refer from Scandinavians in the U. S.;
U. S. — Foreign population

Refer from Germanic languages; Scandina-
vian languages

Refer from Authors, Swedish; Scandinavian
literature

Refer from Gymnastics, Medical; Massage;
Mechanotherapy; Movement cure (s); Thera-
peutics

Refer from Carpets; Cleaning; Floors; Home
economics; House cleaning

Refer from Animal locomotion; Aquatic
sports; Athletics; Baths and bathing; Diving;
Drowning; Sports; Water

Refer from Crime and criminals; Delu-
sions (s); Fraud; Humbug (s); Imposture;
Quacks and quackery

Refer from Domestic animals; Hog (s);
Hogs (s); Live stock; Pig (s); Pigs (s); Ungu-
lata; Veterinary medicine

Refer from Dynamos; Electric apparatus and
appliances; Electric lighting; Electric switch-
boards (s); Electricity — Distribution; Tele-
phone

Refer from Arms and armor; Broadsword (s);
Fencing; Saber (s); Sabre (s); Weapons (s)

Syllogisms *see* Logic

Symbolics *see* Creeds

Symbolism

See also Christian art and symbolism; Cross; Devices; Emblems; Scarabs; Swastika; Symbolism in literature

Symbolism (theology) *see* Creeds

Symbolism in literature

Symmetry

See also Esthetics; Proportion (art)

Sympathy

See also Emotions; Friendship

Symphonies

See also Orchestral music

Symptoms *see* Diagnosis

Synods *see* Councils and synods

Synonyms and antonyms

See also Synonyms and antonyms, English; also names of languages other than English
—English

Synoptic Gospels *see* Bible — New Testament
— Gospels

Syntax *see* Grammar

Syrups

See also Molasses

Table

See also Breakfasts; Carving (meat, etc.); Catering; Cookery; Dinners and dining; Eating; Food; Luncheons; Menus; Waiters
Table-moving *see* Spiritualism

Table-talk

See also Anecdotes

Table tennis *see* Ping-pong

Tableaux

See also Amateur theatricals

Tables, Interest, *see* Interest tables

Tables, Mathematical, *see* Mathematics —
Tables, etc.; Logarithms

Tabulating machines

Tachygraphy *see* Shorthand

Tactics

See also Artillery drill and tactics; Cavalry drill and tactics; Drill (military); Infantry drill and tactics; Military art and science; Military maneuvers; Naval tactics; War games

Taeping rebellion *see* Taiping rebellion

Tailoring

See also Dressmaking; Tailors

Tailors

Taiping rebellion

See also China — History

Taj Mahal

Refer from Art; Cross; Devices; Emblems; Religion

Refer from French literature; Idealism in literature; Literature; Symbolism

Refer from Esthetics; Proportion (art)

Refer from Compassion (s); Emotions; Ethics; Friendship

Refer from Instrumental music; Music; Music — Scores; Orchestral music

Refer from Antonyms (s); Language; Words

Refer from Dictionaries, English; English language; English language — Synonyms (s); English synonyms (s); Synonyms and antonyms

Refer from Sirups (s); Sugar

Refer from Catering; Cookery; Dinners and dining; Eating; Food; Home economics; Meals (s); Menus

Refer from Anecdotes; Aphorisms (s); Apothegms (s); Biography; Conversation; Epigrams; Humor; Sayings (s); Talking (s)

Refer from Amateur theatricals; Amusements; Drama; Entertainments

Refer from Calculating machines; Census; Machinery; Statistics

Refer from Artillery drill and tactics; Cavalry drill and tactics; Drill (military); Infantry drill and tactics; Military art and science; Military maneuvers; Military tactics (s)

Refer from Clothing; Cutting (s); Dressmaking; Fashion; Garment cutting; Needlework

Refer from Biography; Tailoring

Refer from China — History; Taeping rebellion (s)

Refer from Architecture, Oriental; Tombs

Takigraphy *see* Shorthand

Talent

See also Ability; Genius

Talismans *see* Amulets; Charms

Talking *see* Conversation; Table-talk

Talking machines *see* Phonograph

Tall buildings *see* High buildings

Talmud

Tambourine drill *see* Drills and marches

Tamil language and literature

See also Dravidian languages; Oriental literature

Tammany Hall

See also New York (city) — Government and politics

Tamul language and literature *see* Tamil language and literature

Tanning

See also Hides and skins; Leather

Taoism

See also China — Religion; Philosophy, Chinese

Taoism *see* Taoism

Tapestry

See also Bayeux tapestry; Drapery; Gobelin tapestry

Target practice

See also Gunnery; Rifle practice

Tariff

See also Balance of trade; Commerce; Commercial treaties; Corn laws; Drawbacks; Economics; Reciprocity; Smuggling; Tariff question; Taxation; Warehouses

—U. S.

See also U. S. — Revenue

Tariff question

See also Balance of trade; Economics; Reciprocity; Supply and demand

—Free Trade

—Protection

Tartans

See also Clans

Tartars

See also China — History; Manchuria; Mongols

Taste (esthetics) *see* Esthetics

Taste (sense)

See also Senses and sensation

Refer from Ability; Genius; Intellect

Refer from Bible — Old Testament; Hebrew literature; Jewish literature; Jews — Religion; Sacred books

Refer from Dravidian languages; Oriental languages; Oriental literature; Tamul language and literature (s)

Refer from Democratic party; New York (city) — Government and politics

Refer from Hides and skins; Industrial arts; Leather

Refer from China — Religion; Confucianism; Philosophy; Philosophy, Chinese; Religions; Taoism (s)

Refer from Arts and crafts; Decoration and ornament; Drapery; House decoration; Mural painting and decoration; Needlework; Textile design; Textile industry and fabrics; Wall paper

Refer from Artillery drill and tactics; Firearms; Gunnery; Infantry drill and tactics; Military art and science; Naval art and science; Rifle practice; Shooting

Refer from Balance of trade; Commerce; Commercial treaties; Customs (s); Duties (s); Economics; Exportation (s); Exports (s); Finance; Imports (s); Revenue (s); Taxation; Trade (s)

Refer from Taxation — U. S.; U. S. — Commerce; U. S. — Economic conditions; U. S. — Finance; U. S. — Politics; U. S. — Revenue; U. S. — Tariff (s)

Refer from Balance of trade; Campaign literature; Commerce; Economics; Free trade (s); Protection (s); Reciprocity; Tariff; U. S. — Politics

Refer from Clans; Costume — Scotland; Highlands of Scotland; Plaids (s); Scotch plaids (s)

Refer from China — History; Manchuria; Mongols; Tartars (s)

Refer from Senses and sensation

Tatars *see* Tartars

Tattooing

Taverns *see* Hotels; Inns

Taxation

See also Absenteeism; Appraising; Corporations — Taxation; Danegeld; Economics; Finance; Income tax; Inheritance and transfer tax; Internal revenue laws; Municipal finance; Poll tax; Railroads — Taxation; Scutage; Single tax; Stamp duties; Tariff; Taxation, Progressive; Tithes; Tobacco — Taxation; Unearned increment

— **Exemption from**

See also Church property

— **Progressive**

See also Income tax; Inheritance and transfer tax

— **U. S.**

See also Boston tea party, 1773; Tariff
— U. S.; U. S. — Revenue

Taxidermy

Tea

See also Beverages; Boston tea party, 1773

Teachers

See also Education; Educational associations; Educators; Normal schools; School superintendents and principals; Teachers' institutes; Teaching

— **Certificates**, *see* Teachers — Examinations and certificates

— **Examinations and certificates**

— **Pensions**, *see* Teachers — Salaries, pensions, etc.

— **Salaries, pensions, etc.**

— **Training**

See also Normal schools; Teachers' institutes

Teachers' certificates *see* Teachers — Examinations and certificates

Teachers' examinations *see* Teachers — Examinations and certificates

Teachers' institutes

See also Teachers — Training

Teachers' pensions *see* Teachers — Salaries, pensions, etc.

Teachers' salaries *see* Teachers — Salaries, pensions, etc.

Teaching

See also Busy work; Child study; Corporal punishment; Curriculum; Education; Ex-

Refer from Ethnology; Manners and customs

Refer from Appraising; Assessment (s); Direct taxation (s); Economics; Finance; Government; Income tax; Inheritance and transfer tax; Internal revenue (s); Land; Land tenure; Personal property; Property; Real estate; Revenue (s); Tariff

Refer from Church and state; Church finance; Church property; Colleges and universities; Exemption from taxation (s); Libraries; Private schools

Refer from Graduated taxation (s); Income tax; Inheritance and transfer tax; Progressive taxation (s); Proportional taxation (s); Taxation

Refer from U. S. — Economic conditions; U. S. — Finance; U. S. — Revenue; U. S. — Taxation (s)

Refer from Animals; Birds; Natural history; Zoology

Refer from Agricultural products; Agriculture — Tropics; Beverages; Stimulants

Refer from Biography; Education; Educators; Public schools; Schoolmasters (s); Teaching

Refer from Certificates, Teachers' (s); Examinations; Teachers — Certificates (s); Teachers' certificates (s); Teachers' examinations (s)

Refer from Civil service pensions; Pensions; Salaries; Teachers — Pensions (s); Teachers' pensions (s); Teachers' salaries (s)

Refer from Normal schools; Teachers' institutes; Teaching

Refer from Institutes, Teachers' (s); Summer schools; Teachers; Teachers — Training; Teaching

Refer from Didactics (s); Education; Instruction (s); Pedagogy (s); Professions;

Teaching — Continued

aminations; Kindergarten; Memory; Nature study; Object teaching; Psychology, Educational; Quincy system; School grading and promotions; School management; Seminary method; Story-telling; Study; Teachers; Teachers — Training; Teachers' institutes; *also* subhead Study and teaching under various subjects

—Departmental system

Technical chemistry *see* Chemistry, Technical
Technical dictionaries

Technical education

See also Apprentices; Correspondence schools and courses; Foremen's schools; Forestry schools and education; Industrial education; Manual training; Mechanics' institutes; Mining schools and education; Professional education; Trade schools; Vocational education; *also* subhead Study and teaching under various subjects, e.g. Engineering — Study and teaching

Technology

See also Chemistry, Technical; Engineering; Industrial arts, and references under that subject; Manufactures; Metallurgy; Photography; Technical dictionaries; Technical education

Teeth

See also Dentistry

Teetotalism *see* Temperance

Telautograph

Telegraph

See also Cables, Submarine; Electric wire and wiring; Poles; Postal telegraph; Telautograph; Telegraph codes; Telephotography; Train despatching; Wireless telegraphy

—Postal, *see* Postal telegraph

—Submarine, *see* Cables, Submarine

—Wireless, *see* Wireless telegraphy

Telegraph codes

Telegraph poles *see* Poles

Telegraphic codes *see* Telegraph codes

Telegraphy *see* Telegraph

Theology

See also Creation; Evolution; God; Metaphysics; Natural religion

Telepathy *see* Mind reading; Thought transference

Telephone

See also Electric wire and wiring; Microphone; Poles; Switchboards; Telephonograph

—Wireless

Telephone poles *see* Poles

Telephonograph

Telephony *see* Telephone

Public schools; School management; School teaching (s); Teachers; Training

Refer from Departmental system of teaching (s)

Refer from Dictionaries; Industrial arts; Technology

Refer from Education; Education, Higher (s); Education, Technical (s); Higher education (s); Industrial arts; Industrial education; Manual training; Polytechnic schools (s); Professional education; Science — Study and teaching; Technology; Vocational education

Refer from Applied science (s); Industrial arts; Manufactures; Science

Refer from Anatomy; Beauty, Personal; Dentistry; Digestive system; Mouth; Odontology (s)

Refer from Electric engineering; Telegraph

Refer from Ciphers; Communication; Electric engineering; Electric telegraph (s); Electricity; Public service corporations; Signals; Telegraphy (s)

Refer from Cable codes (s); Cipher codes (s); Ciphers; Codes, Telegraphic (s); Commerce; Communication; Telegraph; Telegraphic codes (s)

Refer from Causation; Creation; Design, Argument for (s); Evolution; Final cause (s); God; Metaphysics; Philosophy; Theology; Universe

Refer from Communication; Electric engineering; Electricity; Public service corporations; Sound; Telephony (s)

Refer from Wireless telephony (s)

Refer from Phonograph; Telephone

Telephotography**Telescope**

See also Astronomical instruments

Telpherage

See also Cableways; Conveying machinery

Temperament

See also Character; Melancholy; Nervous system

Temperance

See also Alcohol; Alcohol — Physiological effects; Alcoholism; Beverages; Canteens (army); Drinking customs; Liquor laws; Liquor problem; Liquor traffic; Liquors, and names of liquors; Local option; Narcotic habit; Opium; Prohibition; Smoking; Stimulants; Tobacco

Temperature

See also Animal heat; Boiling points; Climate; Cold; Earth — Temperature; Heat; Melting points; Meteorology; Plants, Effect of temperature on

Templars

See also Chivalry. For the modern order *see* Freemasons — Templars

Temples

See also Architecture, Oriental; Church architecture; Mosques

Temporal power of the pope *see* Popes — Temporal power

Temptation

See also Evil; Fall of man; Jesus Christ — Temptation; Sin

Ten commandments *see* Commandments

Ten-hour day *see* Hours of labor

Ten pins *see* Bowling

Ten tribes of Israel *see* Jews — Lost tribes

Tenants *see* Landlord and tenant

Tenement houses

See also Apartment houses; Architecture, Domestic; Housing problem; Lodging houses; Poor; Slums

Tennis

See also Ping-pong; Rackets (game)

Tenpins *see* Bowling

Tents

See also Camping

Tenure of land *see* Land tenure

Tenure of office *see* Civil service

Teratology *see* Deformities; Monsters

Terminology *see* Names; *also* under subject, e.g. Botany — Nomenclature; Medicine — Nomenclature; Zoology — Nomenclature

Terra cotta

See also Pottery; Tiles

Terrariums *see* Vivariums

Refer from Photography; Telegraph

Refer from Astronomical instruments; Optical instruments; Reflecting telescope (s)

Refer from Cableways; Conveying machinery; Electricity; Suspended railways; Transportation

Refer from Character; Nervous system; Pathology; Psychology

Refer from Abstinence (s); Alcohol; Alcoholism; Beverages; Conduct of life; Drinking customs; Drunkenness (s); Ethics; Food; Hygiene; Inebriates (s); Intemperance (s); Intoxication (s); Liquor problem; Liquor traffic; Liquors; Prohibition; Saloons (s); Sociology; Stimulants; Teetotalism (s); Total abstinence (s); Wine

Refer from Climate; Cold; Heat; Meteorology

Refer from Chivalry; Freemasons — Templars; Knights and knighthood; Knights templars (military order) (s); Order of the temple (s); Religious orders; Secret societies

Refer from Archaeology; Architecture; Architecture, Ancient; Architecture, Greek; Architecture, Oriental; Church architecture; Religious architecture (s)

Refer from Ethics; Evil; Sin; Theology

Refer from Apartment houses; Architecture, Domestic; Building laws; Housing problem; Hygiene, Public; Landlord and tenant; Municipal improvement; Poor; Slums

Refer from Games; Lawn tennis (s)

Refer from Camping; Military art and science

Refer from Building materials; Decoration and ornament; Pottery

Terrestrial magnetism *see* Magnetism, Terrestrial

Territories (U. S.) *see* U. S. — Territories

Terror, Reign of, *see* French revolution

Tertiary period *see* Geology, Stratigraphic — Tertiary; Paleontology — Tertiary

Testimony *see* Evidence

Testing *see* Strength of materials; *also* subject tested, e.g. Boilers — Testing; Electric testing

Tetanus

See also Antitoxins

Teutonic knights

See also Prussia — History

Teutonic languages *see* Germanic languages

Teutonic mythology *see* Mythology, Germanic

Teutonic order *see* Teutonic knights

Teutonic race

See also Anglo-Saxons; Aryans; Franks; Goths; Vandals

Teutons *see* Teutonic race

Text-books *see* Textbooks

Textbooks

See also Primers; Readers; Spellers

Textile design

See also Tapestry

Textile fabrics *see* Textile industry and fabrics

Textile factories

See also Looms; Textile industry and fabrics

Textile fibers *see* Fibers

Textile industry and fabrics

See also Blankets; Bleaching; Calico printing; Carpets; Chemistry, Technical; Clothing; Cotton; Cotton — Cultivation and manufacture; Dry goods; Dyes and dyeing; Embroidery; Fibers; Flax; Hosiery; Khaki; Linen; Mercerization; Rugs; Shawls; Silk; Spinning; Tapestry; Textile design; Textile factories; Underwear; Waterproofing; Weaving; Wool; Woolen manufacture; Worsted; Yarn

Thalassography *see* Hydrography; Marine biology; Ocean

Thanksgiving day

Theater

See also Acting; Actors; Amateur theatricals; Ballet; Drama; Make-up, Theatrical; Masques (plays); Minstrel shows; Miracle, morality and mystery plays; Moving pictures; Opera; Pantomime; Passion plays; Puppet plays; Scene painting; Shakespeare, William — Stage presentation; Theaters; Vaudeville

Refer from Lockjaw (s); Medicine — Practice; Trismus (s)

Refer from Chivalry; Knights and knighthood; Knights of the cross (s); Middle ages — History; Order of Teutonic knights (s); Poland — History; Prussia — History; Religious orders; Teutonic order (s)

Refer from Anglo-Saxons; Aryans; Civilization; Germanic race (s); Teutons (s)

Refer from Books; Education; School books (s); Text-books (s)

Refer from Calico printing; Decoration and ornament; Design, Decorative; Textile industry and fabrics

Refer from Cotton — Cultivation and manufacture; Cotton mills (s); Factories; Mills and millwork; Textile industry and fabrics; Woolen manufacture; Woolen mills (s)

Refer from Chemistry, Technical; Cloth (s); Clothing; Cotton; Cotton — Cultivation and manufacture; Dry goods; Fibers; Industrial arts; Linen; Manufactures; Silk; Spinning; Textile fabrics (s); Textile factories; Weaving; Wool; Woolen manufacture; Worsted; Yarn

Refer from Fasts and feasts; Holidays; New England — Social life and customs; Pilgrim fathers; Puritans; U. S. — Social life and customs

Refer from Acting; Actors; Amusements; Drama; Entertainments; Ethics; Historionics (s); Stage (s); Theatre (s); Vaudeville

Theater — Continued

—U. S.

See also American drama; Dramatists, American

Theater buildings *see* Theaters

Theater fires *see* Fires; Theaters

Theaters [buildings]

See also Music halls; *also* names of cities, subhead Theaters

Theatre *see* Theater

Theatrical make-up *see* Make-up, Theatrical
Theatricals, Amateur, *see* Amateur theatricals
Theft *see* Larceny; *also* Embezzlement

Theism

See also Atheism; Christianity; Deism; God; Natural religion; Theology

Theme-writing *see* Rhetoric

Theocracy

Theodicy *see* God

Theological education *see* Theological schools;

Theology — Study and teaching

Theological schools

See also Theology — Study and teaching

Theology [including the Christian doctrines.

For history of religion *see* Religions.

For Christian evidences *see* Christianity — Evidences]

See also Absolute, The; Agnosticism; Angels; Annihilation; Antichrist; Antinomianism; Apostles; Apostolic canons; Apostolic constitutions; Apostolic succession; Arminianism; Atonement; Authority (in religion); Baptism; Belief; Bible; Calvinism; Catechisms; Celibacy; Christianity; Church; Church history; Church polity; Clergy; Confession; Confirmation; Conscience; Conversion; Creation; Creeds; Cross; Death; Deism; Depravity; Devil; Eschatology; Ethics; Evil; Faith; Fall of man; Fanaticism; Fathers of the church; Free religion; Freedom of the will; Future life; Future punishment; God; Grace (theology); Heaven; Hell; Heresy; Holy Spirit; Incarnation; Infallibility; Inspiration; Jesus Christ; Judgment day; Justification; Kingdom of God; Liberalism; Liberty of conscience; Lord's supper; Manicheism; Mass; Materialism; Millennium; Miracles; Modernism; Monotheism; Mysticism; Natural religion; Orthodoxy; Pantheism; Pelagianism; Penance; Philosophy; Plurality of worlds; Prayer; Predestination; Private judgment; Prophecies; Protestantism; Providence; Purgatory; Quietism; Rationalism; Regeneration (theology); Religion; Religion and science; Repentance; Resurrection; Revelation; Revivals; Sacraments; Sacrifice; Salvation; Sanctification; Second advent; Sects; Sermons; Sin; Skepticism; Socinianism; Soul; Spiritualism; Sunday; Teleology; Temptation; Theism; Theological schools; Transcendentalism; Transubstantiation; Trinity; Worship; *also* names of sects, and headings beginning Christian

Refer from American drama; U. S. — Theater (s)

Refer from Architecture; Opera houses (s); Theater; Theater buildings (s); Theater fires (s)

Refer from Atheism; Christianity; Deism; God; Philosophy; Religion; Theology

Refer from God; Government

Refer from Divinity schools (s); Education; Theological education (s); Theology; Theology — Study and teaching

Refer from Bible; Bible — Theology (s); Biblical theology (s); Christian doctrine (s); Christianity; Church history; Creation; Divinity (s); Doctrinal theology (s); Doctrines (s); Dogmatic theology (s); Faith; God; Natural religion; Philosophy; Religion; Revelation; Science; Sociology; Supernatural; Theism

Theology—Continued

- Natural, *see* Natural religion
- Pastoral, *see* Clergy; Pastoral work
- Practical, *see* Christian life and character
- Study and teaching**

See also Religious education; Theological schools

- Theory of errors *see* Errors, Theory of
- Theory of groups *see* Groups, Theory of
- Theory of potential *see* Potential, Theory of
- Theosophy**

See also Cabala; Neoplatonism; Vedanta; Yoga

Refer from Church and education; Professional education; Religious education; Theological education (s); Theological schools

Refer from Buddhism; Buddhism, Esoteric (s); Esoteric Buddhism (s); Occult sciences; Philosophy; Religion; Religions; Vedanta

- Therapeutic gymnastics *see* Gymnastics, Medical

Therapeutics

See also Anesthetics; Antiseptics; Antitoxins; Baths and bathing; Bloodletting; Christian science; Climate; Cupping; Diet; Drugs, and names of drugs; Electrotherapeutics; Emmanuel movement; Exercise; Faith cure; First aid in illness and injury; Gold cure; Gymnastics, Medical; Homeopathy; Hydrotherapy; Inoculation; Massage; Materia medica; Mechanotherapy; Medicine; Medicine—Practice; Mental healing; Mineral waters; Narcotics; Nurses and nursing; Organotherapy; Osteopathy; Pathology; Pharmacy; Phototherapy; Poisons; Purgatives; Radiotherapy; Rest; Serum therapy; Stimulants; Suggestive therapeutics; Swedish movement cure; X rays

- Thermal springs *see* Geysers and hot springs

- Thermochemistry *see* Chemistry, Physical

Thermodynamics

See also Heat; Heat engines; Steam; Steam engines

Thermometer

See also Calorimeters and calorimetry; Meteorological instruments; Pyrometers and pyrometry

Thieves

See also Brigands and robbers; Burglary; Embezzlement; Larceny

- Thieving *see* Larceny

- Thinking *see* Thought and thinking

- Thirty-nine articles *see* Church of England—Articles of religion

Thirty years' war, 1618-1648

See also Europe—History—1492-1789; Germany—History—1517-1740; Sweden—History

- Thorough bass *see* Harmony

- Thoroughfares *see* Roads; Streets

Thought and thinking

See also Attention; Intellect; Logic; Mental discipline; Philosophy; Psychology; Reason

Thought transference

See also Clairvoyance; Mind reading; Presentiments; Psychical research

Refer from Healing (s); Hygiene; Materia medica; Medicine; Medicine—Practice; Pathology; Remedies (in medicine) (s)

Refer from Chemistry, Physical; Dynamics; Heat; Heat engines; Physics; Steam

Refer from Heat; Meteorological instruments; Physics

Refer from Biography; Brigands and robbers; Crime and criminals; Larceny

Refer from Counter-reformation; Europe—History—1492-1789; Germany—History—1517-1740; Reformation; Sweden—History

Refer from Intellect; Philosophy; Psychology; Psychology, Educational; Reason; Thinking (s)

Refer from Clairvoyance; Mind reading; Psychical research; Psychology; Suggestion; Telepathy (s)

Thremmatology *see* Breeding; Plant breeding

Threshing

Thriff

See also Benefit societies; Cost of living; Extravagance; Insurance; Insurance, Industrial; Investments; Misers; Old age pensions; Prudence; Savings banks; Standard of living

Throat

See also Bronchitis; Voice

Throwing sticks

Thugs

Thunderstorms

See also Lightning; Storms

Tides

See also Astronomy; Moon; Ocean

Ties, Railroad, *see* Railroads — Ties

Tigers

See also Carnivora

Tiles

See also Bricks; Clay industries; Pottery

Tillage

See also Agricultural physics; Agriculture; Dry farming; Plows; Soils

Timber

See also Building materials; Dry rot; Forests and forestry; Lumber and lumbering; Strength of materials; Trees; Wood
— Preservation, *see* Wood — Preservation

Time

See also Almanacs; Astronomy; Astronomy, Spherical and practical; Calendar; Chronograph; Chronology; Daylight saving; Days; Eternity; Timekeepers

Time, Reaction, *see* Reaction time

Timekeepers

See also Clocks and watches; Pendulums; Sundials

Tin

See also Bronze; Metals; Pewter; Tin-smithing

Tinsmithing

See also Sheet-metal work

Tintype *see* Ferrotype

Tipping

Tires

See also Automobiles; Wheels

Tissues *see* Histology

Tithes

See also Church finance; Church rates

Title-pages

See also Colophons; Titles of books

Refer from Agriculture; Grain

Refer from Conduct of life; Cost of living; Economics; Economy (s); Extravagance; Investments; Poor; Prudence; Saving (s); Savings banks; Standard of living; Success

Refer from Anatomy; Bronchitis; Respiratory organs; Sore throat (s); Voice

Refer from Arms and armor; Atlatl (s); Spear throwers (s)

Refer from Brigands and robbers; Crime and criminals; Crime and criminals — India; Murder; Phansigars (s)

Refer from Lightning; Meteorology; Storms

Refer from Astronomy; Hydrography; Moon; Ocean; Physical geography

Refer from Carnivora; Hunting

Refer from Bricks; Building materials; Clay industries; Pottery; Terra cotta

Refer from Agricultural physics; Agriculture; Cultivating (s); Dry farming; Harrowing (s); Plowing (s); Soils; Subsoiling (s)

Refer from Building materials; Forest products; Forests and forestry; Lumber and lumbering; Trees; Wood

Refer from Astronomy; Astronomy, Spherical and practical; Calendar; Chronology; Metaphysics; Philosophy; Standard time (s)

Refer from Clocks and watches; Horology (s); Machinery; Manufactures; Time

Refer from Metals; Mines and mineral resources; Sheet-metal work

Refer from Industrial arts; Sheet-metal work; Tin

Refer from Manners and customs; Servants; Travel; Waiters

Refer from Automobiles; Bicycles and tricycles; Pneumatic tires (s); Rubber tires (s); Wheels

Refer from Church finance; Church law; Church of England — Finance; Church polity; Church rates; Taxation

Refer from Books; Colophons; Printing; Titles of books

Titles (land) *see* Land titles

Titles of books

See also Copyright; Title-pages

Titles of honor and nobility

See also Decorations of honor; Degrees,

Academic; Heraldry; Peerage

Titration *see* Chemistry — Analysis

Toads

See also Amphibia; Frogs

Toadstools *see* Mushrooms

Toasts

See also After-dinner speeches

Tobacco

See also Cigarettes; Cigars; Pipes, Tobacco; Smoking; Snuff

— **Cultivation**

— **Diseases and pests**

— **Manufacture and trade**

See also Tobacco — Taxation

— **Pests**, *see* Tobacco — Diseases and pests

— **Physiological effects**

See also Smoking

— **Taxation**

— **Trade**, *see* Tobacco — Manufacture and trade

Tobacco pipes *see* Pipes, Tobacco

Tobogganing

See also Coasting; Winter sports

Toes *see* Foot

Toilet

See also Baths and bathing; Beauty, Personal; Cosmetics; Costume; Hairdressing; Manicuring; Perfumery

Toleration *see* Liberty of conscience; Religious liberty

Toltecs

See also Aztecs; Indians of Mexico; Mexico — Antiquities

Tombs

See also Brasses; Burial; Catacombs; Cemeteries; Cromlechs; Crypts; Epitaphs; Holy sepulcher; Monuments; Mounds and mound builders; Sarcophagi; Taj Mahal; Tombstones; Vaults

Tombstones

See also Epitaphs; Monuments

Tonic sol-fa

Tool steel

Tools

See also Bone implements; Carpentry; Farm implements and machinery; Files and rasps; Implements, utensils, etc.; Indians — Implements and weapons; Machine tools; Machinery; Saws; Square (instrument); Stone implements; Tool steel

Topiary work

Refer from Bibliography; Book titles (s); Books; Cataloging; Copyright; Title-pages

Refer from Decorations of honor; Heraldry; Honorary titles (s); Peerage

Refer from Amphibia; Frogs

Refer from After-dinner speeches; Dinners and dining; Drinking customs; Epigrams; Healths, Drinking of (s); Manners and customs

Refer from Agricultural products; Agriculture — Tropics; Cigars; Narcotics; Pipes, Tobacco; Smoking; Temperance

Refer from Agricultural pests; Plants — Diseases; Tobacco — Pests (s)

Refer from Manufactures; Tobacco — Trade (s)

Refer from Hygiene; Smoking
Refer from Taxation; Tobacco — Manufacture and trade

Refer from Coasting; Sports; Winter sports

Refer from Beauty, Personal; Clothing; Cosmetics; Costume; Hairdressing

Refer from Aztecs; Indians of Mexico; Mexico — Antiquities

Refer from Archaeology; Architecture; Burial; Cemeteries; Christian antiquities; Crypts; Graves (s); Mausoleums (s); Monuments; Rock tombs (s); Sepulchers (s); Vaults

Refer from Epitaphs; Gravestones (s); Headstones (s); Monuments; Tombs

Refer from Music — Notation; Sight reading; Singing and voice culture; Sol-fa system (s)
Refer from Machine tools; Steel; Tools

Refer from Carpentry; Hardware; Implements, utensils, etc.; Industrial arts; Instruments; Machinery

Refer from Landscape gardening; Shrubs; Trees

Topographical drawing

See also Map drawing

Topographical surveying *see* Surveying

Topography *see* Geography; Surveying; Topographical drawing

Tops

Tories, American, *see* Loyalists, American

Tories, English

See also England — History; England — Politics

Tornadoes

See also Cyclones; Storms

Torpedo boats

See also Submarine boats; Torpedoes

Torpedoes

See also Mines, Submarine; Torpedo boats

Torrens system

See also Conveyancing

Torts

See also Damages; Libel and slander; Trespass

Torture

See also Inquisition; Punishment

Total abstinence *see* Temperance

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Towns

See also Boroughs; Cities; Local government; Municipal corporations; Municipal government; Town meeting; Town officers; Villages

Townships *see* Towns

Toxicology *see* Poisons

Toxins

See also Antitoxins; Poisons; Ptomaines

Toys

See also Dolls; Electric toys; Tops

Track, Railroad, *see* Railroads — Track

Refer from Drawing; Geography, Mathematical; Map drawing; Surveying; Topography

Refer from Toys

Refer from England — History; England — Politics; Political parties

Refer from Cyclones; Meteorology; Storms; Winds

Refer from Boats and boating; Naval art and science; Shipbuilding; Ships; Submarine boats; Submarine warfare; Torpedoes; Warships

Refer from Explosives; Military art and science; Mines, Submarine; Naval art and science; Submarine warfare; Torpedo boats

Refer from Conveyancing; Deeds; Land titles; Real estate

Refer from Injuries (s); Law; Libel and slander; Wrongs (s)

Refer from Inquisition; Punishment

Refer from Animal worship; Ethnology; Indians — Religion; Mythology; Nature worship; Religion; Rites and ceremonies; Superstition; Tribes and tribal system; Worship

Refer from Feeling (s); Senses and sensation

Refer from Chivalry; Festivals; Fighting (s); Sports

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Refer from Pathology; Poison (s); Poisons; Ptomaines

Refer from Amusements; Games

Track athletics

See also Athletics; College athletics; Running; Walking

Tracking

Refer from Athletics; College athletics. Field sports (s); Running; Sports

Refer from Game; Hunting; Scent (s); Scouts and scouting; Trailing (s)

Tract societies

See also Bible — Publication and distribution; Tracts

Tractarianism *see* Oxford movement

Traction engines

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Tracts

See also Tract societies

Trade *see* Business; Commerce; Tariff

Trade, Balance of, *see* Balance of trade

Trade, Boards of, *see* Boards of trade

Trade agreements

See also Arbitration and conciliation, Industrial

Refer from Colportage (s); Literature; Tract societies

Refer from Arbitration and conciliation, Industrial; Collective bargaining (s); Contracts; Employers' associations; Labor unions

Trade-marks

See also Patents; Printers' marks

Refer from Commerce; Law; Manufactures; Partnership; Patents

Trade schools

See also Industrial education

Refer from Education; Industrial education; Manual training; Schools; Technical education; Trades schools (s); Vocational education

Trade unions *see* Labor unions

Trade winds *see* Winds

Trades *see* Industrial arts; Occupations

Trades combination *see* Combination, Industrial; Labor unions

Trades schools *see* Trade schools

Trades waste *see* Refuse and refuse disposal; Waste products

Trading companies

See also Commerce — History; Hudson Bay company

Traditions *see* Folklore; Legends

Tragedy

See also Drama

Trailing *see* Tracking

Trails *see* Indian trails; *also* names of trails, e.g.

Oregon trail, Salt Lake trail, Santa Fé trail

Train despatching

Refer from Commerce; Commerce — History

Refer from Drama

Refer from Railroads; Railroads — Management; Telegraph

Trained nurses *see* Nurses and nursing

Training

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Transcendentalism

See also Brook Farm

Refer from Idealism; Philosophy; Philosophy, American; Philosophy, German; Philosophy, Modern; Rationalism; Theology

Transcontinental journeys (U. S.) *see* Over-land journeys to the Pacific

Transfer tax *see* Inheritance and transfer tax

Transfiguration of Jesus Christ *see* Jesus Christ — Transfiguration

Transformers *see* Electric transformers

Transit *see* Rapid transit; Transportation

Transit (instrument)

See also Astronomical instruments; Surveying instruments

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Translation

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Transmigration

See also Preëxistence; Soul

Transmission (biology) *see* Heredity

Transmission of power *see* Electric power transmission; Power transmission

Transmutation of metals *see* Alchemy

Transmutation of species *see* Species; Variation (biology)

Transportation

See also Aeronautics; Animals — Transportation; Automobiles; Canals; Carriages; Carriers; Commerce; Communication; Demurrage; Electric railroads; Express companies; Ferries; Freight; Harbors; Inland navigation; Marketing of farm produce; Omnibuses; Pack transportation; Packing for shipment; Pneumatic tubes; Postal service; Railroads; Rapid transit; Roads; Shipping; Steam navigation; Steamboats; Street railroads; Subsidies; Telpherage; Vehicles; Waterways

Transportation of animals *see* Animals — Transportation

Transportation of criminals *see* Penal colonies

Transubstantiation

See also Lord's supper; Mass

Trapping

See also Fur trade; Hunting; Poaching

Trappists

See also Cistercians

Traps (plumbing) *see* Plumbing

Travel [for books on the art of travel]

See also Baggage; Ocean travel; Passports; Pilgrimages; Tipping; Voyages and travels

Travelers

See also Commercial travelers; Explorers; Voyages and travels

Traveling libraries *see* Libraries, Traveling

Traveling salesmen *see* Commercial travelers

Travels *see* Voyages and travels; *also* names of countries, subhead Description and travel

Travels around the world *see* Voyages and travels around the world

Traverse tables

See also Navigation; Surveying

Treacle *see* Molasses

Treason

See also Allegiance

Treasure-trove

Refer from Astronomical instruments; Surveying instruments

Refer from Astronomy; Eclipses; Planets

Refer from Language; Literature; Rhetoric

Refer from Alphabet; Language; Spelling

Refer from Animism; Future life; Metempsychosis (s); Preëxistence; Reincarnation (s); Soul

Refer from Carriers; Commerce; Commercial geography; Communication; Economics; Freight; Interstate commerce; Locomotion; Railroads; Shipping; Transit (s); Vehicles

Refer from Catholic church; Jesus Christ; Lord's supper; Mass; Real presence (s); Theology

Refer from Fur trade; Game; Hunting; Sports

Refer from Cistercians; Monasticism

Refer from Locomotion; Ocean travel; Voyages and travels

Refer from Biography; Explorers; Voyagers (s); Voyages and travels

Refer from Latitude and longitude; Mathematics — Tables, etc.; Navigation; Surveying

Refer from Crime and criminals; High treason (s); Law; Murder; Political offenses

Refer from Adventure; Buried treasure (s); Pirates

Treaties

See also Arbitration, International; Commercial treaties; Diplomacy; Holy alliance; International law; International relations; Triple alliance, 1883-; *also* names of countries, subhead **Treaties**

Treatment of animals *see* **Animals**—**Treatment**

Tree planting

See also Arbor day; Forest planting

Tree worship

See also Animism

Trees

See also Arbor day; Bark; Botany; Evergreens; Forest nurseries; Forest planting; Forests and forestry; Fruit; Grafting; Hedges; Landscape gardening; Leaves; Lumber and lumbering; Nuts; Pruning; Timber; Topiary work; Tree planting; Tree worship; *also* names of trees, e.g. Oaks

—Diseases and pests

See also Fruit—Diseases and pests; Gipsy moth; Insects, Injurious and beneficial; Plants—Diseases; Spraying

—Fossil

See also Petrified forests

—Historic

See also Preservation of landmarks, scenery, etc.

Trent affair, 1861

See also U. S.—History—Civil war—Foreign relations

Trepanning *see* **Trephining**

Trephining

Trespass

See also Easements

Trestles

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Trial by combat *see* **Wager of battle**

Trial by jury *see* **Jury**

Trials

See also Actions at law; Courts martial; Evidence; Expert evidence; Impeachment; Jury; Ordeals; Pleading and practice; Witnesses

Triangulation *see* **Geodesy**; **Surveying**

Triassic period *see* **Geology**, **Stratigraphic**—

Triassic; **Paleontology**—**Triassic**

Tribal system *see* **Tribes** and **tribal system**

Tribes and tribal system

See also Clans; Consanguinity; Family; Patriarchy; Society, Primitive; Totems and Totemism; Village communities

Tricycles *see* **Bicycles** and **tricycles**

Tricycling *see* **Cycling**

Trigonometry

See also Geodesy; Geometry; Logarithms; Mathematics; Mensuration; Navigation; Surveying

Refer from Diplomacy; Government; History; International law; International relations; Ministers of state

Refer from Arbor day; Arboriculture (s); Forest planting; Forests and forestry; Neighborhood improvement; Planting (s); Trees

Refer from Animism; Fetishism; Nature worship; Trees; Worship

Refer from Agriculture; Arboriculture (s); Bark; Botany; Dendrology (s); Evergreens; Forests and forestry; Landscape gardening; Leaves; Shrubs; Silviculture (s); Timber; Wood

Refer from Agricultural pests; Fruit—Diseases and pests; Insects, Injurious and beneficial; Plants—Diseases

Refer from Fossil plants; Fossil trees (s); Fossil wood (s); Petrified forests; Wood, Fossil (s)

Refer from Historic trees (s); History; Preservation of landmarks, scenery, etc.

Refer from Contraband of war; Neutrality; U. S.—History—Civil war—Foreign relations

Refer from Brain; Skull; Surgery; Trepanning (s)

Refer from Law; Property; Torts

Refer from Bridges; Railroads; Railroads—Construction

Refer from Actions at law; Courts; Crime and criminals; Criminal law; Jury; Law; Pleading and practice; State trials (s)

Refer from Anthropology; Civilization; Clans; Communism; Family; Government; Patriarchy; Society, Primitive; Tribal system (s); Village communities

Refer from Geometry; Logarithms; Mathematics; Spherical trigonometry (s); Surveying

Trilobites

See also Crustacea

Trinity

See also Arianism; Athanasian creed; God; Holy Spirit; Jesus Christ; Jesus Christ—Divinity; Socinianism; Unitarianism

Triple alliance, 1883—

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Refer from Crustacea; Paleontology

Refer from Arianism; God; Holy Spirit; Humanitarianism (theology) (s); Jesus Christ; Jesus Christ—Divinity; Socinianism; Theology; Unitarianism

Refer from Alliance, Triple (s); Austria—Foreign relations; Austria—History; Europe—History—1789—; Europe—Politics; Germany—Foreign relations; Germany—History—1866—; International relations; Italy—Foreign relations; Italy—History—1815—; Treaties

Trismus *see* Tetanus

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Tropical hygiene *see* Tropics—Diseases and hygiene

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Tropical plants**Tropics**

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Refer from Botany; Plants; Tropics

Refer from Acclimatization; Earth; Geography; Physical geography

—Diseases and hygiene

See also Acclimatization; Cholera, Asiatic; Medical geography; Sleeping sickness; Yellow fever

Refer from Hygiene; Hygiene, Tropical (s); Medical geography; Medicine—Practice; Medicine—Tropics (s); Tropical diseases (s); Tropical hygiene (s); Tropical medicine (s)

Trotting *see* Horse; Horse racing

Troubadours

See also Provençal literature; Trouvères

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Trout

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See also Fabliaux; Troubadours

Refer from Bards; French poetry; Minstrels; Poetry; Poets; Troubadours

Truancy

See also School attendance; Truant schools

Refer from Boys; Compulsory education; Juvenile delinquency; Public schools; School attendance; School children

Truant schools

See also Parental schools

Refer from Juvenile delinquency; Parental schools; Public schools; Schools; Truancy

Truck farming *see* Market gardening

Trumpet calls *see* Bugle calls

Trusses

See also Bridges; Building; Girders; Roofs; Strains and stresses; Strength of materials

Refer from Architecture; Bridges; Building; Girders; Roofs; Strains and stresses; Strength of materials

Trust companies

See also Banks and banking; Trustees

Refer from Banks and banking; Business; Clearing houses; Commerce; Commercial law; Corporations; Finance; Savings banks; Trustees

Trustees

See also Administrators and executors; Assignments; Guardians; Mortmain; Probate law and practice; Trust companies

Trusts

See also Capital; Combination, Industrial; Competition; Corporation law; Corporations; Monopolies; Restraint of trade

Truth

See also Axioms; Belief; Certainty; Honesty; Lying; Sincerity

Tsetse flies

See also Insects as carriers of contagion; Sleeping sickness

Tuberculosis

See also Lungs; Open-air schools; Respiratory organs — Diseases; Tuberculosis in animals

Tuberculosis in animals**Tubes**

See also Pipe
Tumbling *see* Acrobats

Tumors

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Tumuli *see* Mounds and mound builders**Tuning**

See also Tuning forks

Tuning forks**Tunkards** *see* German Baptist brethren**Tunkers** *see* German Baptist brethren**Tunneling** *see* Tunnels**Tunnels**

See also Blasting; Civil engineering; Mines, Military; Mining engineering; Subways

Turbines

See also Hydraulic motors; Steam turbines; Water wheels

Turco-Russian war *see* Russo-Turkish war**Turf, The,** *see* Horse racing**Turkeys**

See also Poultry

Turkish baths *see* Baths and bathing**Turkish language**

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Turkish literature

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Turko-Russian war *see* Russo-Turkish war**Turning**

See also Lathes; Woodwork

Turning (gymnastics) *see* Gymnastics**Turnpikes** *see* Roads**Tuyeres** *see* Blast furnaces; Cupola furnaces;

Foundry work

Refer from Commercial law; Guardians; Inheritance; Law; Powers (law); Probate law and practice; Trust companies

Refer from Capital; Cartels (economics) (s); Combination, Industrial; Commerce; Commercial law; Competition; Corners, Commercial (s); Corporation law; Corporations; Economics; Finance; Government regulation of industry; Kartels (economics) (s); Monopolies; Restraint of trade

Refer from Belief; Certainty; Ethics; Faith; Knowledge; Lying; Philosophy; Sincerity

Refer from Diptera; Flies; Insects as carriers of contagion; Sleeping sickness

Refer from Consumption (s); Lungs; Medicine — Practice; Phthisis (s); Respiratory organs — Diseases

Refer from Animals — Diseases; Cattle — Diseases; Tuberculosis; Veterinary medicine

Refer from Iron; Manufactures; Pipe; Steel

Refer from Carcinoma (s); Medicine — Practice; Pathology; Surgery

Refer from Musical instruments; Piano

Refer from Musical instruments; Tuning

Refer from Civil engineering; Earthwork; Engineering; Excavation; Mining engineering; Railroads; Railroads — Construction; Subways; Tunneling (s)

Refer from Engines; Hydraulic engineering; Hydraulic machinery; Hydraulic motors; Motors; Water wheels; Wheels

Refer from Poultry

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Refer from Cabinet work; Carpentry; Industrial arts; Lathe work (s); Lathes; Woodwork

Twentieth century

See also English literature — History and criticism — 20th century

Twins**Type**

See also Printing; Typesetting

Typesetting

See also Printing; Typesetting machines

Typesetting machines**Typewriting****Typhoid fever**

See also Typhus fever

Typhus fever

See also Typhoid fever

Typographical societies

Typography *see* Printing

Tyranny

See also Despotism

Ulcers

See also Suppuration

Ultramontaniam

See also Catholic church; Popes; Vatican council

Umbrellas

Unbelief *see* Skepticism

Unclaimed estates *see* Estates, Unclaimed

Unction

Underclothing *see* Underwear

Underground railroad (slavery)

See also Fugitive slaves

Underground roads *see* Subways

Underground water *see* Water, Underground

Underpinning *see* Shoring and underpinning

Understanding *see* Intellect; Psychology

Underwear

See also Garment cutting; Hosiery

Unearned increment**Unemployed**

See also Employment agencies; Farm colonies; Labor exchanges; Poor; Tramps; Vacant lot cultivation

Ungulata

See also Bison; Cattle; Deer; Goats; Horse; Mammals; Reindeer; Sheep; Swine

Uniforms

See also Costume; Livery

Union, Christian, *see* Christian union

Union shop *see* Open and closed shop

Unions, Labor, *see* Labor unions

Unitarianism

See also Arianism; Free religion; Jesus Christ — Divinity; Liberalism; Socinianism; Trinity

Refer from History, Modern; Progress

Refer from Children

Refer from Printing

Refer from Composition (printing) (s); Printing; Type

Refer from Composing machines (s); Linotype (s); Machinery; Monotype (s); Printing; Typesetting

Refer from Business education; Writing

Refer from Contagion and contagious diseases; Enteric fever (s); Fever; Medicine — Practice; Typhus fever

Refer from Fever; Medicine — Practice; Ship fever (s); Typhoid fever

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Refer from Catholic church

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Refer from Anointing (s); Extreme unction (s); Sacraments

Refer from Fugitive slaves; Slavery in the U. S.

Refer from Clothing; Textile industry and fabrics; Underclothing (s)

Refer from Betterments (s); Economics; Increment, Unearned (s); Land; Land tenure; Real estate; Taxation

Refer from Economics; Labor and laboring classes; Labor exchanges; Panics; Poor; Social problems; Tramps

Refer from Bison; Cattle; Deer; Goats; Horse; Mammals; Reindeer; Sheep; Swine

Refer from Clothing; Costume; Costume, Military (s); Military costume (s); Military uniforms (s)

Refer from Arianism; Congregationalism; Humanitarianism (theology) (s); Jesus Christ — Divinity; Liberalism; Sects; Socinianism; Trinity

Unitas fratrum *see* Moravians
 United brethren *see* Moravians
United brethren in Christ
 United empire loyalists *see* Loyalists, American
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United States
 —Administration, *see* U. S.— Government
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 —**Altitudes**
 —**Annexations**
 See also Gadsden purchase; Louisiana purchase; U. S.— Insular possessions
 —**Antiquities**
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 —Architecture, *see* Architecture, American
 —**Archives**
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 —**Army**
 See also Army life; Canteens (army); U. S.— History, Military; U. S.— Militia; U. S.— Navy. For volunteer regiments *see* under names of states, e.g. New York artillery, New York cavalry, New York infantry; *also* United States volunteer cavalry, United States volunteer infantry, for volunteer regiments recruited at large
 —**Artillery**
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 See also United States volunteer cavalry
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 —Art, *see* Art, American
 —Asylums, *see* U. S.— Hospitals and asylums
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 —Banks, *see* Banks and banking — U. S.
 —**Bibliography**
 See also American literature — Bibliography
 —**Biography**
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 —Birds, *see* Birds — U. S.
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 —**Boundaries**
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 —**Capital and capitol**
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 —**Census**
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 —Charities, *see* Charities — U. S.

Refer from Sects

Refer from Physical geography — U. S.

Refer from U. S.— Expansion (s); U. S.— Territorial expansion (s)

Refer from Indians — Antiquities; Mounds and mound builders

Refer from U. S.— Government publications

Refer from U. S.— Defenses; U. S.— History, Military; U. S.— Military history (s)

Refer from U. S.— Genealogy

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Refer from Chemistry, Technical; Gums and resins; Japanning; Lacquer; Painting; Mechanical; Wood finishing

Refer from Anatomy; Blood vessels; Circulatory system (s); Physiology

Refer from Amphorae (s); Decoration and ornament; Pottery; Urns

Refer from Catholic church; Popes; Rome (city)

Refer from Catholic church — History; Councils and synods; Infallibility; Popes; Popes — Infallibility; Ultramontanism

Refer from Acting; Actors; Amusements; Music halls; Stage (s); Theater; Variety stage (s)

Refer from Arches; Architecture; Building; Masonry; Roofs; Vaults

Refer from Architecture; Banks and banking; Safes; Tombs; Vaulting

Refer from Algebra; Quaternions

Refer from Brahmanism; Hinduism; Pantheism; Philosophy, Hindu; Theosophy; Vedas; Yoga

Refer from Brahmanism; Hindu literature; Hinduism; Sacred books; Sanskrit literature; Vedanta

Refer from Agricultural products; Beets and beet sugar; Botany; Food; Gardening; Market gardening; Potatoes; Root crops

Refer from Animal food; Diet; Food; Vegetable diet (s); Vegetables

Refer from Carriages; Transportation; Wagons

Refer from Arteries; Blood; Blood vessels; Vascular system

Refer from Kinematics; Motion; Physics; Speed

Vendean war, 1793-1796

See also Chouans; French revolution

Vendée, War of, *see* Vendean war

Vendetta

Vendors *see* Sale

Veneers and veneering

Venesection *see* Bloodletting

Venom

See also Poisons

Ventilating fans *see* Fans, Electric; Fans, Mechanical

Ventilation

See also Air pollution; Car heating, lighting and ventilation; Chimneys; Fans, Electric; Fans, Mechanical; Heating; Mine ventilation

Ventilation of mines *see* Mine ventilation

Ventriloquism

Versailles (palace)

Versification

See also Alliteration; Meter; Poetry; Prosody; Rhyme; Rhythm

Vertebral column *see* Spine

Vertebrates

See also Amphibia; Birds; Fish; Mammals; Reptiles; Zoology

Vessels *see* Shipbuilding; Shipping; Ships; Steamboats

Vestments *see* Church vestments

Veterinary medicine

See also Animals — Diseases; Cattle — Diseases; Dogs; Domestic animals; Horse; Sheep; Swine; *also* names of diseases, e.g. Tuberculosis in animals

Veto

Viaducts *see* Bridges

Vibration

See also Heat; Light; Motion; Physics; Sound; Waves

Vice

See also Crime and criminals; Degeneration; Ethics; Prostitution

Victoria cross

Victorian literature *see* English literature — History and criticism — 19th century

Views

See also Pictures; *also* e.g. New York (city) — Description — Views; U. S. — Description and travel — Views

Vigilance committees

See also Lynch law

Vikings *see* Northmen

Village communities

See also Communism; Local government; Mark (land); Tribes and tribal system

Villages

See also Local government; Towns

Refer from Brittany; Chouans; French revolution; Vendée, War of (s)

Refer from Feuds (s); Manners and customs

Refer from Forest products; Furniture; Woodwork

Refer from Bites, Venomous (s); Poisons; Snake venom (s); Snakes

Refer from Air; Air pollution; Architecture; Building; Chimneys; Heating; Home economics; Hygiene; Sanitary engineering; Sanitation; Sanitation, Household

Refer from Amusements; Elocution; Voice

Refer from Art — Galleries and museums; France — Description and travel; Palaces

Refer from Alliteration; Authorship; Meter; Poetry; Prosody; Rhetoric

Refer from Amphibia; Birds; Fish; Mammals; Reptiles; Zoology

Refer from Animals — Diseases; Cattle — Diseases; Diseases of animals (s); Dogs; Domestic animals; Domestic animals — Diseases (s); Farriery (s); Horse; Live stock; Medicine; Sheep; Swine

Refer from Executive power; Government; Legislation; Presidents

Refer from Motion; Physics; Waves

Refer from Crime and criminals; Degeneration; Ethics; Immorality (s); Prostitution
Refer from Decorations of honor

Refer from Geography; Pictures

Refer from Courts; Crime and criminals; Criminal law; Lynch law; Western states

Refer from Commons; Communism; Communities (s); Government; Land tenure; Local government; Mark (land); Society, Primitive; Tribes and tribal system

Refer from Government; Local government; Towns

- Villainage *see* Villeinage
 Villas *see* Architecture, Domestic; Cottages; Country houses
Villeinage
See also Feudalism; Serfdom
- Villénage *see* Villeinage
 Vine *see* Grape; Wine
 Vines *see* Climbing plants; Grape
 Vineyards *see* Grape
Violets
See also Floriculture
- Violin**
See also Stringed instruments; Violin music; Violinists
Violin music
Refer from Feudalism; Labor and laboring classes; Land tenure; Peasantry; Serfdom; Villainage (s); Villénage (s)
- Violinists**
See also Musicians
- Violoncello**
See also Stringed instruments
- Virgin birth of Christ *see* Jesus Christ — Birth
 Virgin Mary *see* Mary, Virgin
 Virgin Mary in art *see* Madonnas
 Virginal *see* Piano
 Virginia resolutions, 1798, *see* Kentucky and Virginia resolutions, 1798
- Virtue**
See also Chastity; Ethics; Goodness
- Viscera**
See also Abdomen; Intestines; Kidneys; Liver
- Viscosity**
See also Hydrodynamics; Matter; Splashes
- Visigoths *see* Goths
 Vision *see* Color sense; Eye; Sight
 Visions *see* Apparitions; Dreams; Illusions and hallucinations
- Visitations, Heraldic**
Refer from Conduct of life; Ethics; Goodness
- Visiting *see* Guests
 Vitagraph *see* Moving pictures
- Vital records**
Refer from Abdomen; Intestines
- Vital statistics**
See also Birth rate; Census; Fecundity; Mortality; Population; Vital records; *also* names of countries, subhead Vital statistics
- Vitalism**
 Vitascope *see* Moving pictures
 Viticulture *see* Grape
- Vivariums**
See also Aquariums; Menageries
- Vivisection**
See also Animal experimentation; Dissection
- Vocal culture *see* Singing and voice culture
- Refer from* Bow (music) (s); Fiddle (s); Musical instruments; Stringed instruments
Refer from Instrumental music; Music — Scores; Violin
- Refer from* Musicians; Violin
- Refer from* Cello (s); Musical instruments; Stringed instruments
- Refer from* Fluids; Gases; Hydrodynamics; Liquids; Matter; Physics
- Refer from* Genealogy; Heraldic visitations (s); Heraldry
- Refer from* Archives; Birth records (s); Death records (s); Genealogy; Marriage records (s); Records of births, marriages and deaths (s); Registers of births, marriages and deaths (s); Vital statistics
- Refer from* Birth rate; Census; Death; Death rate (s); Life; Longevity; Man; Marriage statistics (s); Mortality; Population; Statistics
Refer from Biology; Life
- Refer from* Animals; Menageries; Terrariums (s)
- Refer from* Anatomy; Animal experimentation; Animals — Treatment; Dissection; Ethics; Pain; Surgery

Vocal music *see* Choral music; Church music; Music; Singing and voice culture; Songs
Vocal organs *see* Voice
Vocalists *see* Singers
Vocational education

See also Industrial education; Professional education; Technical education; Trade schools

Vocations *see* Occupations; Professions

Voice

See also Elocution; Music; Oratory; Singing and voice culture; Sound; Speech; Stammering; Throat; Ventriloquism

Voice culture *see* Singing and voice culture

Volapük

Volatile oils *see* Essences and essential oils

Volcanic rocks *see* Igneous rocks

Volcanoes

See also Earthquakes; Geology; Igneous rocks; Lava; Physical geography

Volition *see* Will

Voltaic arc *see* Electric arc

Voltaic cell *see* Electric batteries

Voltaic electricity *see* Electricity

Volumetric analysis *see* Chemistry — Analysis

Volunteers (U. S. army) *see* United States volunteer cavalry; United States volunteer infantry; *also* under names of states, e.g. New York artillery; New York cavalry; New York infantry

Voodooism

Refer from Colleges and universities; Curriculum; Education; Industrial education; Occupations; Professional education; Public schools; Technical education

Refer from Breathing; Elocution; Hygiene; Medicine — Practice; Music; Oratory; Physiology; Singing and voice culture; Sound; Speaking (s); Speech; Throat; Vocal organs (s)

Refer from Language, Artificial

Refer from Earth; Earthquakes; Geology; Lava; Mountains; Physical geography; Seismology (s)

Refer from Conjuring; Fetishism; Negroes — Social life and customs; Superstition; Voodooism (s)

Voting *see* Ballot; Elections; Representative government and representation; Suffrage

Voting machines

Voodooism *see* Voodooism

Voyagers *see* Explorers; Travelers

Voyages and travels

See also Adventure; Antarctic regions; Arctic regions; Automobile touring; Buccaneers; Discoveries and explorations; Explorers; Geography; Ocean travel; Pilgrimages; Sailors; Scientific expeditions; Seafaring life; Travel; Travelers; Voyages and travels around the world; Whaling
—Early [to 1650]

Refer from Ballot; Elections

Refer from Adventure; Antarctic regions; Arctic regions; Discoveries and explorations; Explorers; Geography; Journeys (s); Navigation; Ocean; Ocean travel; Travel; Travelers; Travels (s)

Voyages and travels around the world

Refer from Circumnavigation (s); Travels around the world (s); Voyages and travels

Wager of battle

See also Dueling

Refer from Battle, Wager of (s); Combat, Trial by (s); Dueling; Law; Trial by combat (s)

Wagers *see* Betting

Wages

See also Cost of living; Economics; Employment agencies; Income; Labor and laboring classes; Labor unions; Prices; Profit sharing; Salaries; Standard of living; Sweating system; Value

Wagon painting *see* Carriage painting

Wagons

See also Carriages; Vehicles

Refer from Vehicles

Wahabis

See also Arabia — History; Mohammedanism

Wahhabites *see* Wahabis

Waiters

See also Servants; Tipping

Waitresses *see* Waiters

Waldenses

See also Albigenses; Huguenots; Reformation — France

Walking

See also Running

Wall decoration *see* Mural painting and decoration

Wall painting *see* Mural painting and decoration

Wall paper

See also Mural painting and decoration; Tapestry

Wall street, New York city

See also Speculation; Stock exchange

Walls

See also Building; Dams; Foundations; Masonry; Mural painting and decoration; Sea walls

Waltzes

See also Dance music

Waltzing *see* Dancing

Wampum

See also Shell money

Wandalen *see* Vandals

Wandering Jew**War**

See also Arbitration, International; Armies; Battles; Blockade; Contraband of war; Disarmament; Guerrillas; Imaginary wars and battles; International law; International relations; Intervention; Martial law; Militarism; Military art and science, and other headings beginning Military; Naval art and science; Navies; Neutrality; Peace; Prisoners of war; Prizes (international law); Recognition (international law); Red cross; Sieges; War correspondence; War games; War poetry; War songs; *also* names of wars, e.g. French revolution

War correspondence

War cries *see* Battle cries

War games

See also Military maneuvers

War of 1812 *see* U. S. — History — War of 1812

War of the Austrian succession *see* Austrian succession, War of

War of the Roses *see* Wars of the Roses

Refer from Arabia — History; Mohammedanism; Wahhabites (s)

Refer from Restaurants; Servants; Table; Waitresses (s)

Refer from Albigenses; Church history — Middle ages; Huguenots; Reformation — France; Sects; Valdenses (s); Vaudois (s)

Refer from Animal locomotion; Athletics; Exercise; Locomotion; Outdoor life; Pedestrianism (s); Physical education; Running; Sports; Track athletics

Refer from House decoration; Mural painting and decoration; Paper; Paper hanging (s)

Refer from New York (city) — Streets; Speculation; Stock exchange; Stocks

Refer from Architecture; Building; Civil engineering; Dams; Earthwork; Engineering; Foundations; Masonry; Retaining walls (s)

Refer from Dance music; Valses (s)

Refer from Beads; Indians; Money; Shell money

Refer from Legends

Refer from Arbitration, International; Armies; Disarmament; Ethics; Fighting (s); International law; International relations; Militarism; Military art and science; Naval art and science; Peace; Social problems; Sociology

Refer from Correspondence (s); Journalism; Reporting; War

Refer from Military art and science; Military maneuvers; Tactics; War

War of the Spanish succession *see* Spanish succession, War of

War poetry

See also War songs; *also* under various wars, e.g. U. S. — History — Revolution — Poetry

War-ships *see* Warships

War songs

See also War poetry

Wards *see* Guardians

Warehouses

See also Bailments; Grain elevators

Warming *see* Heating

Warnings *see* Omens

Wars *see* Military history; *also* names of wars, and names of countries, subheads History and History, Military

Wars, Imaginary, *see* Imaginary wars and battles

Wars of the Roses

See also England — History — Lancaster and York

Warships

See also Armor plate; Armored vessels; Galleys; Naval art and science; Navies; Submarine boats; Torpedo boats; *also* names of countries, subhead Navy

Warwick castle

See also Castles — England; Warwickshire, Eng.

Washing *see* Laundry

Wasps

See also Hymenoptera

Waste, Disposal of, *see* Refuse and refuse disposal; Sewage; Waste products

Waste products

See also Refuse and refuse disposal; Slag

Watches *see* Clocks and watches

Water

See also Baths and bathing; Dew; Erosion; Feed water; Fog; Frost; Glaciers; Hail; Hydraulic engineering; Hydraulics; Hydrostatics; Ice; Lakes; Meteorology; Mineral waters; Ocean; Physical geography; Ponds; Rain; Rivers; Sea water; Snow; Springs; Steam; Swimming; Water supply, and other headings beginning Water; Waterfalls; Waterspouts; Waterways; Waves

— **Analysis**

See also Bacteriology

— **Purification**

See also Feed water; Filters and filtration; Water supply

Refer from Poetry; Poetry of war (s); War; War songs

Refer from Battle-songs (s); National songs; Patriotic songs (s); Songs; War; War poetry

Refer from Architecture; Bailments; Business; Commerce; Tariff

Refer from England — History — Lancaster and York; Roses, Wars of the (s); War of the Roses (s)

Refer from Armored vessels; Battle-ships (s); Battleships (s); Cruisers (s); Fleets (s); Naval art and science; Navies; Sea power; Shipbuilding; Ships; Steamboats; War-ships (s)

Refer from Castles — England; Warwickshire, Eng.

Refer from Hymenoptera

Refer from By-products (s); Chemical engineering; Chemistry, Technical; Factory waste (s); Industrial arts; Manufactures; Refuse and refuse disposal; Trades waste (s); Waste, Disposal of (s)

Refer from Beverages; Hydraulic engineering; Hydraulics; Hydrology (s); Hydrostatics; Ice; Physical geography; Physics; Water supply

Refer from Bacteriology; Sanitary chemistry; Water analysis (s); Water pollution

Refer from Feed water; Filters and filtration; Municipal engineering; Purification of water (s); Sanitary chemistry; Sanitary engineering; Sanitation; Water pollution; Water purification (s); Water softening (s); Water supply

Water — Continued

—Underground

See also Divining rod; Soil moisture;
Springs; Wells

Water analysis *see* Water — Analysis

Water birds

See also Birds; Ducks; Geese

Water color painting

See also Painting

Water cure *see* Hydrotherapy

Water flow *see* Hydraulics

Water gardens

See also Aquariums; Aquatic plants

Water heating *see* Hot water heating

Water insects *see* Insects, Aquatic

Water meters

Water plants *see* Aquatic plants

Water pollution

See also Sewage; Water — Analysis; Water
— Purification; Water supply

Water power

See also Flumes; Hydraulic engineering;
Hydraulic machinery; Hydraulic motors;
Hydro-electric plants

Water-power electric plants *see* Hydro-electric
plants

Water purification *see* Water — Purification

Water rights

See also Riparian rights; Water supply

Water softening *see* Water — Purification

Water sports *see* Aquatic sports

Water supply

See also Aqueducts; Artesian wells;
Canals; Dams; Droughts; Filters and filtra-
tion; Forests and forestry; Fountains; Hy-
draulic engineering; Irrigation; Plumbing;
Pumping stations; Pumps; Reservoirs;
Water; Water — Purification; Water met-
ers; Water pollution; Water rights; Wells;
also names of cities, subhead Water supply

—U. S.

Water wheels

See also Hydraulic motors; Turbines

Watercourses *see* Waterways

Waterfalls

Waterfowl *see* Water birds

Watering places *see* Health resorts; Summer
resorts

Waterloo, Battle of, 1815

See also France — History — Consulate
and empire; Napoleonic wars

Waterproofing

See also Corrosion and anti-corrosives;
Dampness in buildings

Waterspouts

See also Meteorology

Refer from Ground water (s); Hydrology (s);
Physical geography; Springs; Subterranean
water (s); Underground water (s); Wells

Refer from Aquatic birds (s); Birds; Ducks;
Geese; Waterfowl (s); Wild fowl (s)

Refer from Painting

Refer from Aquariums; Aquatic garden-
ing (s); Aquatic plants; Gardens; Landscape
gardening

Refer from Meters (s); Water supply

Refer from Hygiene; Hygiene, Public;
Pollution of streams (s); Refuse and refuse
disposal; Rivers; Sanitary chemistry; Sewage;
Water supply

Refer from Conservation of resources; Flumes;
Hydraulic engineering; Hydraulic power (s);
Hydraulics; Natural resources; Power; Rivers

Refer from Irrigation; Riparian rights;
Water supply

Refer from Civil engineering; Engineering;
Filters and filtration; Hydraulic engineering;
Hygiene, Public; Municipal engineering; Pump-
ing stations; Reservoirs; Sanitary engineering;
Sanitation; Water; Water — Purification;
Water pollution; Water rights; Water-
works (s)

Refer from U. S. — Water supply (s)

Refer from Hydraulic engineering; Hydraul-
ic machinery; Hydraulic motors; Machinery;
Motors; Turbines; Wheels

Refer from Cataracts (s); Falls (s); Physical
geography; Water

Refer from Battles; France — History —
Consulate and empire; Napoleonic wars

Refer from Corrosion and anti-corrosives;
Textile industry and fabrics

Refer from Meteorology; Physical geog-
raphy; Water

Waterways

See also Canals; Ferries; Freight; Inland navigation; Navigation; Riparian rights; Rivers

—U. S.

See also Canals — U. S.; Great Lakes; Rivers — U. S.

Waterworks *see* Water supply

Wattmeter

Waves

See also Electric waves; Ether (of space); Light; Sound; Vibration

Wax

Wax flowers

Waxworks, Living, *see* Jarley waxworks

Wayfaring life

See also Minstrels; Outdoor life; Tramps

Wealth

See also Banks and banking; Business; Capital; Capitalists and financiers; Economics; Finance; Income; Labor and laboring classes; Leisure class; Luxury; Millionaires; Misers; Money; Property; Prosperity; Success

Weapons *see* Arms and armor; Firearms; Indians — Implements and weapons; Swords

Weariness *see* Fatigue

Weather

See also Climate; Droughts; Meteorology; Storms; Weather forecasts; Weather lore; Winds

Weather forecasts

See also Weather lore

Weather lore

Weaving

See also Basketwork; Beadwork; Blankets; Carpets; Lace; Looms; Rugs; Textile industry and fabrics

Wedding anniversaries

Weddings

See also Etiquet; Marriage; Marriage customs and rites; Wedding anniversaries

Weeds

Weevils

See also Beetles; Boll weevil

Weights and measures

See also Arithmetic; Decimal system; Electric measurement; Gaging; Gravitation; Measuring instruments; Mensuration; Metric system; Specific gravity; Standards of length; Units

Weirs *see* Dams

Welding

See also Blowpipe; Solder and soldering

Welfare institutions for laborers *see* Industrial betterment

Wells

See also Artesian wells; Boring; Gas, Natural; Holy wells; Petroleum; Springs; Water, Underground

Refer from Canals; Commerce; Communication; Inland navigation; Rivers; Transportation; Watercourses (s); Water

Refer from Canals — U. S.; Rivers — U. S.; U. S. — Commerce; U. S. — Waterways (s)

Refer from Electric meters; Meters (s)

Refer from Hydrodynamics; Ocean; Physical geography; Physics; Vibration; Water

Refer from Adhesives; Bees

Refer from Artificial flowers; Flowers

Refer from Minstrels; Outdoor life; Tramps; Vagabonds (s)

Refer from Business; Business ethics; Capital; Distribution of wealth (s); Economics; Ethics; Finance; Fortunes (s); Income; Luxury; Millionaires; Money; Plutocracy (s); Property; Riches (s); Social ethics

Refer from Climate; Meteorology

Refer from Forecasts; Meteorology; Weather
Refer from Folklore; Meteorology; Proverbs; Superstition; Weather; Weather forecasts

Refer from Arts and crafts; Carpets; Cotton; Domestic arts; Industrial arts; Looms; Manual training; Textile industry and fabrics

Refer from Anniversaries; Marriage; Weddings

Refer from Bridal customs (s); Etiquet; Marriage; Marriage customs and rites

Refer from Agricultural pests; Botany; Botany, Economic; Gardening; Plants

Refer from Beetles; Insects, Injurious and beneficial

Refer from Cambistry (s); Commerce; Decimal system; Gravitation; Measures (s); Mensuration; Metric system; Metrology (s); Science; Specific gravity; Standards (s); Units

Refer from Blacksmithing; Blowpipe; Electric welding (s); Forging; Ironwork; Machine shop practice; Metal work; Metals; Solder and soldering

Refer from Artesian wells; Hydraulic engineering; Springs; Water, Underground; Water supply

Welsh language

See also Celtic languages

Welsh literature

See also Celtic literature

Werwolves

See also Animals, Mythical

Wesleyan Methodist church

Wesleyans *see* Methodist Episcopal church;

Wesleyan Methodist church

West (U. S.) *see* Western states

Western empire *see* Holy Roman empire

Western Reserve

See also Ohio

Western states

See also Cowboys; Frontier and pioneer life; Indians; Lewis and Clark expedition; New Englanders in the West; Northwest Territory; Northwestern states; Oregon trail; Overland journeys to the Pacific; Pacific states; Prairies; Ranch life; Salt Lake trail; Santa Fé trail; Southwestern states; Vigilance committees; *also* names of states, cities, etc.

Westminster abbey

Whales

See also Cetacea; Whaling

Whaling

See also Harpoons

Wharves

See also Docks; Piles and pile driving; *also* names of cities, subhead Wharves

Wheat

See also Flour and flour mills; Grain; Hessian flies

Wheeling *see* Cycling

Wheels

See also Axles; Car wheels; Carriages; Machinery; Tires; Turbines; Water wheels

Whig party (England)

Whig party (U. S.)

Whipping *see* Corporal punishment; Flogging

Whirlwinds *see* Storms

Whisky insurrection, 1794

See also Pennsylvania — History; U. S. — History — 1783-1812

Whist

See also Bridge whist; Cards

White league *see* Ku-Klux Klan

White slave trade *see* Prostitution

Widows

See also Wives

Wife *see* Wives

Wild animals *see* Animals; Zoology

Wild flowers *see* Flowers

Wild fowl *see* Game birds; Water birds

Wild geese *see* Geese

Wilderness road

Refer from Celtic languages; Cymric language (s); Kymric language (s)

Refer from Celtic literature; Cymric literature (s); Kymric literature (s)

Refer from Animal lore; Animals, Mythical; Lycanthropy (s); Superstition

Refer from Methodism; Sects; Wesleyans (s)

Refer from Connecticut Reserve (s); Northwest Territory, U. S.; Ohio

Refer from Frontier and pioneer life; Indians; Northwestern states; Overland journeys to the Pacific; Pacific states; Prairies; Ranch life; Southwestern states; West (U. S.) (s)

Refer from Abbeys; London

Refer from Cetacea

Refer from Seafaring life; Voyages and travels; Whales

Refer from Docks; Harbors; Hydraulic engineering; Piers (s); Piles and pile driving

Refer from Flour and flour mills; Grain

Refer from Axles; Carriages; Machinery; Tires; Vehicles

Refer from England — Politics; Political parties

Refer from Political parties; U. S. — Politics

Refer from Pennsylvania — History; U. S. — History — 1783-1812

Refer from Bridge whist; Cards

Refer from Family; Wives; Women

Refer from Boone's trail (s); Kentucky; Roads — U. S.; Virginia

Will

See also Ethics; Freedom of the will; Psychology

Wills

See also Administrators and executors; Guardians; Inheritance; Legacies; Probate law and practice

Wind *see* Winds

Wind instruments

See also Bagpipes; Bands (music); Flute; Musical instruments

Windmills**Window dressing****Window gardening**

See also Floriculture

Windows

See also Architecture; Glass; Grilles; Lattice; Skylights; Stained glass; Window dressing; Window gardening

Winds

See also Anemometer; Cyclones; Hurricanes; Meteorology; Storms; Tornadoes

Windsor castle

See also Castles — England

Wine

See also Grape; Liquors; Temperance

Wings

See also Birds; Flight

Winter

See also Seasons; Winter resorts; Winter sports

Winter gardening *see* Greenhouses; Window gardening

Winter resorts

See also Health resorts; Riviera

Winter sports

See also Coasting; Curling; Hockey; Ice boats; Skating; Skees and skee-running; Sports; Tobogganing

Wire

See also Cables; Electric wire and wiring; Fence wire

Wireless telegraphy

See also Cohers; Electric waves

Wireless telephony *see* Telephone, Wireless

Wiring, Electric, *see* Electric conductors; Electric wire and wiring

Wise men of the East *see* Magi

Wit and humor *see* Humor

Witchcraft

See also Amulets; Charms; Demonology; Evil eye; Magic; Medicine men; Occult sciences; Superstition

Refer from Ethics; Freedom of the will; Philosophy; Psychology; Volition (s)

Refer from Administrators and executors; Bequests (s); Genealogy; Inheritance; Law; Legacies; Probate law and practice; Property

Refer from Bagpipes; Bands (music); Brass instruments (s); Flute; Musical instruments

Refer from Farm motors; Irrigation; Machinery; Motors

Refer from Advertising; Business; Decoration and ornament; Shop window decoration (s); Show windows (s); Windows

Refer from Floriculture; Flowers; Gardening; House plants (s); Windows; Winter gardening (s)

Refer from Architecture; Building; Glass

Refer from Currents (s); Gales (s); Meteorology; Storms; Trade winds (s); Weather; Wind (s)

Refer from Castles — England; Palaces

Refer from Grape; Liquors; Vine (s)

Refer from Birds; Flight; Insects; Zoology

Refer from Seasons

Refer from Health resorts; Resorts (s); Winter

Refer from Coasting; Curling; Hockey; Ice boats; Ice sports (s); Skating; Skees and skee-running; Sports; Tobogganning; Winter

Refer from Cables; Metals; Rope

Refer from Cohers; Collisions at sea; Communication; Electric engineering; Electric waves; Electricity; Marconigrams (s); Radiotelegraphy (s); Signals; Space telegraphy (s); Telegraph; Telegraph, Wireless (s)

Refer from Black art (s); Charms; Church history; Conjuring; Delusions (s); Demonology; Evil eye; Exorcism (s); Folklore; Magic; Necromancy (s); Occult sciences; Persecution; Sorcery (s); Spirits (s); Superstition

Witnesses

See also Evidence; Expert evidence; Perjury

Wives

See also Domestic relations; Family; Husbands; Marriage; Mothers; Widows; Women

Wolf *see* Wolves

Wolves

See also Carnivora

Woman *see* Women

Woman suffrage

See also Women — Law; Women — Social condition

Women

See also Amazons; Beauty, Personal; Chastity; Children; Costume; Deaconesses; Education of women; Etiquet; Family; Fancy work; Girls; Harem; Home; Home economics; Love; Marriage; Matriarchy; Mothers; Needlework; Nuns; Nurses and nursing; Prostitution; Queens and empresses; Sex; Singers; Sisterhoods; Spinsters; Widows; Wives; Woman suffrage; Women as artists; Women as authors; Women as lawyers; Women as physicians; Women in literature and art; Women's clubs; Working women's clubs; Young women

—Biography

—Clubs, *see* Women's clubs

—Crime

See also Infanticide; Prostitution

—Diseases

See also Hysteria; Medicine — Practice; Obstetrics; Women — Hygiene

—Education, *see* Education of women

—Employment [the economic question]

See also Factory system; Home labor; Sweating system; Women — Occupations

—History

—Hygiene

See also Hygiene, and references under that subject; Women — Diseases

—Labor question, *see* Women — Employment

—Law

See also Divorce; Marriage; Salic law; Woman suffrage; Women — Employment; Women — Social condition

—Occupations

See also Women — Employment; Women as artists; Women as authors; Women as lawyers; Women as physicians; *also* names of occupations, e.g. Dress-making

—Political status, *see* Woman suffrage

—Rights of women, *see* Woman suffrage; Women — Law; Women — Social condition

Refer from Cross-examination (s); Evidence; Examination of witnesses (s); Law; Perjury; Trials

Refer from Domestic relations; Family; Husband and wife (s); Husbands; Marriage; Widows; Wife (s); Women

Refer from Carnivora; Fur-bearing animals; Wolf (s)

Refer from Rights of women (s); Suffrage; Suffragettes (s); Women; Women — Law; Women — Political status (s); Women — Rights of women (s); Women — Social condition

Refer from Anthropology; Ethics; Family; Females (s); Girls; Home; Ladies (s); Man; Marriage; Mothers; Sociology; Wives; Woman (s); Young women

Refer from Biography

Refer from Crime and criminals

Refer from Gynecology (s); Medicine — Practice; Women — Hygiene

Refer from Factory laws; Factory system; Hours of labor; Labor and laboring classes; Sweating system; Women — Labor question (s); Women — Law; Women — Occupations; Working girls (s); Working women (s)

Refer from Hygiene; Women — Diseases

Refer from Law; Rights of women (s); Woman suffrage; Women — Rights of women (s); Women — Social condition

Refer from Occupations; Profession, Choice of; Professions; Women — Employment

Women — Continued

— Social condition

See also Woman suffrage; Women — Law

Women as artists

Women as authors

Women as lawyers

Women as physicians

Women in literature and art [Enter here works containing delineations or representations of women in art and literature]

For the work of women as artists and as authors, *see* Women as artists, Women as authors

Women in the U. S. [Biography of American women should not be entered here, but under U. S. — Biography, and Women — Biography]

See also National characteristics, American; U. S. — Social life and customs

Women's clubs

See also Girls' clubs; Mothers' clubs; Study clubs; Working women's clubs

Wonders of the world *see* Seven wonders of the world

Wood

See also Bark; Botany, Structural; Forests and forestry; Lumber and lumbering; Poles; Timber; Trees; *also* headings beginning Wood

— Distillation, *see* Wood distillation

— Fossil, *see* Trees, Fossil

— Preservation

See also Dry rot

Wood burning *see* Pyrography

Wood carving

See also Arts and crafts; Carving (art industries); Decoration and ornament; Furniture; Woodwork

Wood distillation

Wood engraving

See also Block books

Wood finishing

See also Graining; Lacquer; Painting, Mechanical; Stains and staining; Varnish and varnishing

Wood pulp

See also Cellulose; Paper

Woodcuts *see* Wood engraving

Woods *see* Forests and forestry; Wood

Woodwork

See also Bamboo; Cabinet work; Carpentry; Graining; Manual training; Pyrography; Stains and staining; Turning; Veneers and veneering; Wood carving; Wood finishing; Woodworking machinery

Refer from Emancipation (s); Rights of women (s); Woman suffrage; Women — Law; Women — Rights of women (s)

Refer from Artists; Women; Women — Occupations; Women in literature and art

Refer from Authors; Women; Women — Occupations; Women in literature and art

Refer from Lawyers; Women; Women — Occupations

Refer from Physicians and surgeons; Women; Women — Occupations

Refer from Art; Literature; Women

Refer from National characteristics, American; U. S. — Social life and customs

Refer from Clubs; Women; Women — Clubs (s)

Refer from Bark; Building materials; Forest products; Forests and forestry; Fuel; Timber; Woods (s)

Refer from Dry rot; Kyanizing (s); Poles; Preservation of wood (s); Railroads — Ties; Timber — Preservation (s)

Refer from Arts and crafts; Bas-relief; Carpentry; Carving (art industries); Decoration and ornament; Fret cutting (s); Furniture; Manual training; Woodwork

Refer from Chemistry, Technical; Distillation; Wood — Distillation (s)

Refer from Block books; Engraving; Woodcuts (s); Xylography (s)

Refer from Graining; House decoration; Painting, Mechanical; Stains and staining; Varnish and varnishing; Woodwork

Refer from Cellulose; Forest products; Paper; Pulp wood (s); Pulpwood (s)

Refer from Architecture; Carpentry; House decoration; Industrial arts; Manual training; Slojd (s); Sloyd (s); Turning; Wood carving

Woodworking machinery

See also Lathes; Planing machines; Saws

Wool

See also Dyes and dyeing; Khaki; Sheep; Textile industry and fabrics; Woolen manufacture; Worsted; Yarn

Woolen manufacture

See also Textile factories; Textile industry and fabrics; Wool

Woolen mills *see* Textile factories; Woolen manufacture

Words

See also Definition; Etymology; Grammar; Language; Names; Pronunciation; Rhetoric; Spelling; Synonyms and antonyms; *also* names of languages

Work

See also Labor and laboring classes; Overwork

Workhouses

See also Prisons

Workhouses (charities) *see* Almshouses

Working classes *see* Labor and laboring classes

Working day *see* Hours of labor

Working girls *see* Girls; Women — Employment

Working girls' clubs *see* Working women's clubs

Working women *see* Women — Employment

Working women's clubs

Workingmen's associations *see* Gilds; Labor unions; Workingmen's clubs

Workingmen's clubs

Workingmen's dwellings *see* Housing problem

Workingmen's gardens *see* Vacant lot cultivation

Workingmen's insurance *see* Insurance, Accident; Insurance, Industrial; Insurance, State and compulsory

Workmen's compensation *see* Employers' liability; Wages

Works management *see* Factory management; Machine shop management; Scientific management

Workshop receipts *see* Receipts

World *see* Earth; Universe

World politics *see* International relations

Worlds, Plurality of, *see* Plurality of worlds

World's fairs *see* Exhibitions

Worms

See also Earthworms; Invertebrates; Parasites

Worry

See also Fear

Worship

See also Ancestor worship; Animal worship; Church attendance; Church music; Church services; Devil worship; Devotional

Refer from Carpentry; Lathes; Lumber and lumbering; Machinery; Planing machines; Saws; Woodwork

Refer from Animal products; Fibers; Sheep; Textile industry and fabrics; Woolen manufacture; Worsted; Yarn

Refer from Textile industry and fabrics; Wool; Woolen mills (s)

Refer from Etymology; Language; Names

Refer from Conduct of life; Hygiene; Labor and laboring classes

Refer from Crime and criminals; Prisons; Punishment

Refer from Clubs; Women; Women's clubs; Working girls' clubs (s)

Refer from Clubs; Labor and laboring classes; Workingmen's associations (s)

Refer from Helminthology (e); Invertebrates

Refer from Anxiety (s); Conduct of life; Fear; Mental hygiene; Mind and body; Nervous system — Diseases; Psychology

Refer from Church polity; Church services; Devotion (s); Devotional exercises; Idolatry; Liturgies; Prayer; Religion; Religions; Re-

- exercises; Elements, Worship of; Family worship; Fetishism; Fire worship; Hymns; Idolatry; Incense; Litanies; Liturgies; Nature worship; Prayer; Prayers; Responsive worship; Rites and ceremonies; Ritualism; Sacraments; Sacrifice; Serpent worship; Sun worship; Totems and totemism; Tree worship
- Worsted**
See also Textile industry and fabrics; Wool; Yarn
- Wounds**
See also Hemorrhage; Surgery
- Wrecking**
See also Salvage
- Wrecks** *see* Shipwrecks
- Wrestling**
See also Jiu-jitsu
- Writers** *see* Authors
- Writing**
See also Abbreviations; Alphabet; Authorship; Autographs; Books; Capitalization; Ciphers; Cuneiform writing; Forgery; Graphology; Hieroglyphics; Ink; Inscriptions; Letter writing; Lettering; Manuscripts; Paleography; Paper; Penmanship; Pens; Picture writing; Punctuation; Rhetoric; Shorthand; Typewriting
- Writing for the press *see* Authorship; Journalism
- Wrongs** *see* Torts
- Wrought iron**
See also Ironwork
- Wrought iron work *see* Ironwork
- Wyoming massacre, 1778**
- X ray photography** *see* Radiography
- X rays**
See also Cathode rays; Electric discharges through gases; Ions; N rays; Radiography; Radiotherapy
- Xylography** *see* Block books; Wood engraving
- Yachting** *see* Yachts and yachting
- Yachts and yachting**
See also America's cup; Aquatic sports; Boats and boating; Land yachts; Navigation; Sailing
- Yarn**
See also Cotton; Flax; Hemp; Silk; Spinning; Textile industry and fabrics; Wool; Worsted
- Yawning**
- Year**
See also Calendar; Chronology; Months; Seasons
- Year-books** *see* Yearbooks
- Yearbooks**
See also Almanacs; Annuals; Calendars
- Yeast**
See also Fermentation
- ligious services (s); Rites and ceremonies; Ritualism; Theology
- Refer from* Textile industry and fabrics; Wool; Yarn
- Refer from* Accidents; Injuries (s); Surgery; Surgery, Military; Surgery, Naval
- Refer from* Salvage; Shipwrecks
- Refer from* Athletics; Jiu-jitsu; Sports
- Refer from* Alphabet; Books; Chirography (s); Ciphers; Graphology; Handwriting (s); Inscriptions; Language; Manuscripts; Paleography; Penmanship; Shorthand
- Refer from* Iron; Ironwork
- Refer from* Massacres; Pennsylvania — History; U. S. — History — Revolution — Campaigns and battles
- Refer from* Cathode rays; Diagnosis; Dislocations; Electric discharges through gases; Electricity; Fractures; Induction coils; Light; Radiation; Radioactivity; Radiography; Radiotherapy; Roentgen rays (s); Therapeutics
- Refer from* America's cup; Aquatic sports; Boat building (s); Boats and boating; Cup races (s); Navigation; Racing (s); Regattas (s); Sailing; Shipbuilding; Ships; Sports; Steam yachts (s); Steamboats; Yachting (s)
- Refer from* Spinning; Textile industry and fabrics; Wool; Worsted
- Refer from* Breathing; Physiology
- Refer from* Calendar; Chronology; Months
- Refer from* Almanacs; Annuals; Calendars; Registers; Statistics; Year-books (s)
- Refer from* Cookery; Fermentation

Yellow fever

See also Mosquitoes

Yellow journalism *see* Journalism; Newspapers

Yellow peril *see* Eastern question (Far East);

Race problems; Yellow races

Yellow races

See also Color of man; Mongols; Ethnology — China; Ethnology — Japan

Yells

See also Battle cries

Yiddish language

Refer from Contagion and contagious diseases; Epidemics; Fever; Insects as carriers of contagion; Medicine — Practice; Mosquitoes; Tropics — Diseases and hygiene

Refer from Ethnology; Ethnology — Asia; Ethnology — China; Ethnology — Japan; Race problems; Yellow peril (s)

Refer from College yells (s); Cries (s)

Refer from German Hebrew (s); Hebrew language; Jewish language (s); Jews — Language (s); Judaeo-German (s); Judeo-German (s)

Yiddish literature

Refer from Hebrew literature; Jewish literature; Jews — Literature (s)

Yoga

See also Hinduism; Philosophy, Hindu; Theosophy; Vedanta

Refer from Hinduism; Philosophy, Hindu; Theosophy; Vedanta

Young men

See also Boys; Conduct of life; Gentlemen; Men; Self-culture; Success; Youth

Young people *see* Boys; Children; Girls;

Young men; Young women; Youth

Refer from Boys; Conduct of life; Men; Young people (s); Youth

Young women

See also Conduct of life; Girls; Self-culture; Women; Youth

Refer from Conduct of life; Girls; Women; Young people (s); Youth

Youth

See also Boys; Children; Girls; Puberty; Young men; Young women

Refer from Adolescence (s); Age; Boys; Child study; Children; Conduct of life; Girls; Puberty; Young men; Young women; Young people (s)

Zend-Avesta *see* Avesta

Zinc

See also Brass; Galvanizing; Metals

Refer from Metals; Mines and mineral resources; Sheet-metal work

Zincography

See also Etching

Refer from Etching; Lithography; Lithozincography (s); Printing

Zionism

See also Jews

Refer from Jews; Jews — Political and social conditions

Zoar community *see* Separatist society of Zoar

Zoarites *see* Separatist society of Zoar

Zodiac

See also Astrology; Astronomy

Refer from Astronomy; Stars

Zodiacal light

See also Auroras

Refer from Astronomy; Light

Zoogeography *see* Geographical distribution of animals and plants

Zoological gardens

See also Menageries

Refer from Animals; Animals in captivity (s); Menageries; Parks; Zoology

Zoological mythology *see* Animal lore; Animals, Mythical

Zoological nomenclature *see* Zoology — Nomenclature

Zoologists

See also Entomologists; Naturalists; Ornithologists

Refer from Naturalists; Scientists; Zoology

Zoology [for systematic works and those dealing with zoology as a science]

See also Anatomy, Comparative; Animalcules; Animals; Aquariums; Biology; Birds; Cave fauna; Cells; Color of animals; Domestic animals; Domestication; Ecology; Electrophysiology; Embryology; Evolution; Fish; Fresh-water fauna; Fur-bearing animals; Game; Geographical distribution of animals and plants; Heredity; Horns; Insects; Instinct; Invertebrates; Mammals; Man; Marine zoology; Menageries; Mendel's law; Microscope and microscopy; Monsters; Natural history; Nature study; Nests; Paleontology; Parasites; Phosphorescence; Physiology, Comparative; Psychology, Comparative; Quadrupeds; Reproduction; Species; Taxidermy; Variation (biology); Vertebrates; Wings; Zoological gardens; Zoologists; *also* headings beginning Animal, and names of animals and of classes, orders and families of animals

—**Economic**

See also Animal products; Birds, Useful and injurious; Domestic animals; Fur-bearing animals; Insects, Injurious and beneficial

—**Nomenclature**

—**U. S.**

See also Birds — U. S.; Fish — U. S.; Insects — U. S.; Mollusks — U. S.; Reptiles — U. S.

Zootomy *see* Anatomy, Comparative

Zoroastrianism

See also Avesta; Dualism; Fire worship; Parsees

Zymotic diseases *see* Contagion and contagious diseases

Refer from Anatomy, Comparative; Animal kingdom (s); Animals; Beasts (s); Biology; Brutes (s); Domestic animals; Fauna (s); Invertebrates; Mammals; Natural history; Nature; Nature study; Quadrupeds; Science, Vertebrates; Wild animals (s)

Refer from Animals, Useful and harmful (s); Economic zoology (s)

Refer from Names; Nomenclature (s); Terminology (s); Zoological nomenclature (s)

Refer from Natural history — U. S.; U. S. — Fauna (s); U. S. — Zoology (s)

Refer from Avesta; Dualism; Fire worship; Parsees; Religions

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